



# SZABO SCANDIC

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Diagnostik & molekulare Diagnostik



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- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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# FOXK2 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP\_004505.2

Catalog No. A301-730A

GeneID 3607

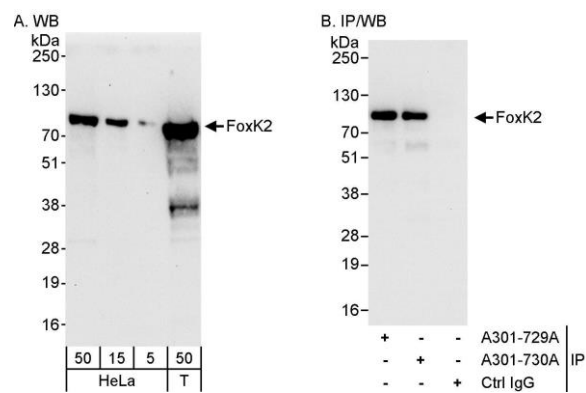
Lot No. A301-730A-1



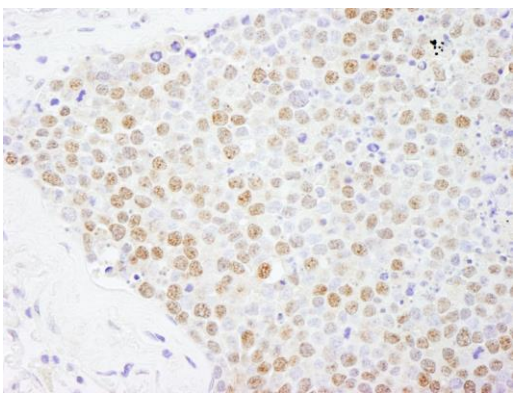
|                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |              |                    |                     |                    |                      |                                                                                                        |
|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|--------------------|---------------------|--------------------|----------------------|--------------------------------------------------------------------------------------------------------|
| <b>APPLICATIONS</b>          | WB, IP, IHC                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |              |                    |                     |                    |                      |                                                                                                        |
| <b>SPECIES REACTIVITY</b>    | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |              |                    |                     |                    |                      |                                                                                                        |
| <b>AMOUNT</b>                | 100 µl                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |              |                    |                     |                    |                      |                                                                                                        |
| <b>CONCENTRATION</b>         | 200 µg/ml                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |              |                    |                     |                    |                      |                                                                                                        |
| <b>STORAGE/SHELF LIFE</b>    | 2 – 8° C / 1 year from date of receipt                                                                                                                                                                                                                                                                                                                                                                                                                                               |              |                    |                     |                    |                      |                                                                                                        |
| <b>PHYSICAL STATE</b>        | Liquid                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |              |                    |                     |                    |                      |                                                                                                        |
| <b>BUFFER</b>                | Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide                                                                                                                                                                                                                                                                                                                                                                                                                      |              |                    |                     |                    |                      |                                                                                                        |
| <b>ISOTYPE</b>               | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |              |                    |                     |                    |                      |                                                                                                        |
| <b>ORIGIN</b>                | USA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |              |                    |                     |                    |                      |                                                                                                        |
| <b>PRODUCTION PROCEDURES</b> | <p>Antibody was affinity purified using an epitope specific to FOXK2 immobilized on solid support.</p> <p>The epitope recognized by A301-730A maps to a region between residue 635 and 660 of human forkhead box K2 using the numbering given in entry NP_004505.2 (GeneID 3607).</p> <p>Immunoglobulin concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.</p>                                                                |              |                    |                     |                    |                      |                                                                                                        |
| <b>APPLICATIONS</b>          | <p>Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.</p> <table><tr><td>Western Blot</td><td>1:2,000 – 1:10,000</td></tr><tr><td>Immunoprecipitation</td><td>2 – 5 µg/mg lysate</td></tr><tr><td>Immunohistochemistry</td><td>1:200 – 1:1,000. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.</td></tr></table> | Western Blot | 1:2,000 – 1:10,000 | Immunoprecipitation | 2 – 5 µg/mg lysate | Immunohistochemistry | 1:200 – 1:1,000. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections. |
| Western Blot                 | 1:2,000 – 1:10,000                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |              |                    |                     |                    |                      |                                                                                                        |
| Immunoprecipitation          | 2 – 5 µg/mg lysate                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |              |                    |                     |                    |                      |                                                                                                        |
| Immunohistochemistry         | 1:200 – 1:1,000. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.                                                                                                                                                                                                                                                                                                                                                                               |              |                    |                     |                    |                      |                                                                                                        |
| <b>APPLICATION NOTES</b>     | <p>Western blot of immunoprecipitates performed using Normal Pig Serum (Cat. No. S100-020), Goat anti-Rabbit Light Chain HRP Conjugate (Cat. No. A120-113P) and 4-8% SDS-PAGE (link to IP-western blot protocol in Additional Info section below).</p> <p>Western blot of lysates performed using standard western blot reagents and 4-8% SDS-PAGE.</p>                                                                                                                              |              |                    |                     |                    |                      |                                                                                                        |
| <b>IHC HUMAN CONTROLS</b>    | Breast Carcinoma, Colon Carcinoma, Ovarian Carcinoma, Small Cell Lung Cancer                                                                                                                                                                                                                                                                                                                                                                                                         |              |                    |                     |                    |                      |                                                                                                        |
| <b>ADDITIONAL INFO</b>       | <p><a href="https://www.bethyl.com/product/A301-730A">https://www.bethyl.com/product/A301-730A</a></p> <p>Use the link above to view SDS, a current list of citations, and other product specific information.</p> <p>IP-western blot protocol: <a href="https://www.bethyl.com/content/protocol_IP_WB">https://www.bethyl.com/content/protocol_IP_WB</a></p>                                                                                                                        |              |                    |                     |                    |                      |                                                                                                        |

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.  
Eric McIntush, PhD | Chief Scientific Officer

Date: June 21, 2019



**Detection of human FOXK2 by western blot and immunoprecipitation.** *Samples:* Whole cell lysate from HeLa (5, 15 and 50 µg for WB; 1 mg for IP, 20% of IP loaded) and HEK293T (T; 50 µg) cells. *Antibodies:* Affinity purified rabbit anti-FOXK2 antibody A301-730A used for WB at 0.04 µg/ml (A) and 1 µg/ml (B) and used for IP at 3 µg/mg lysate. FOXK2 was also immunoprecipitated by rabbit anti-FOXK2 antibody A301-729A, which recognizes an upstream epitope. *Detection:* Chemiluminescence with exposure times of 30 seconds (A) and 3 seconds (B).



**Detection of human FOXK2 by immunohistochemistry.** *Sample:* FFPE section of human small cell lung cancer. *Antibody:* Affinity purified rabbit anti-FOXK2 (Cat. No. A301-730A) used at a dilution of 1:200 (1 µg/ml). *Detection:* DAB