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Produktinformation



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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

GRB10 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP_005302.3

Catalog No. A301-735A

GeneID 2887

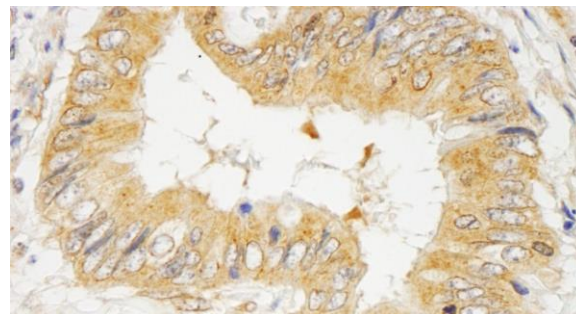
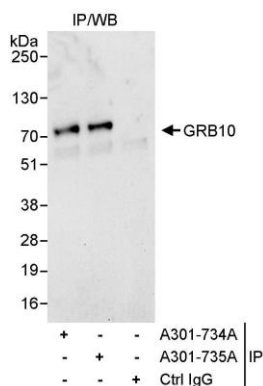
Lot No. A301-735A-1



APPLICATIONS	IP, IHC
SPECIES REACTIVITY	Human
AMOUNT	100 µl
CONCENTRATION	1000 µg/ml
STORAGE/SHELF LIFE	2 – 8° C / 1 year from date of receipt
PHYSICAL STATE	Liquid
BUFFER	Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
ISOTYPE	IgG
ORIGIN	USA
PRODUCTION PROCEDURES	Antibody was affinity purified using an epitope specific to GRB10 immobilized on solid support. The epitope recognized by A301-735A maps to a region between residue 100 and 150 of human growth factor receptor-bound protein 10 using the numbering given in entry NP_005302.3 (GeneID 2887). Immunoglobulin concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.
APPLICATIONS	Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use. Western Blot Not recommended. Use rabbit anti-GRB10 antibody A301-734A. Immunoprecipitation 2 – 5 µg/mg lysate Immunohistochemistry 1:500 – 1:2,000. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.
APPLICATION NOTES	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).
IHC HUMAN CONTROLS	Colon, Metastatic Lymph Node, Ovarian Carcinoma
ADDITIONAL INFO	https://www.bethyl.com/product/A301-735A Use the link above to view SDS, a current list of citations, and other product specific information. IP-western blot protocol: https://www.bethyl.com/content/protocol_IP_WB

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 GRB10 by western blot of immunoprecipitates. *Samples:* Whole cell lysate (1 mg for IP, 20% of IP loaded) from HeLa cells. *Antibodies:* Affinity purified rabbit anti-GRB10 antibody A301-735A used for IP at 3 µg/mg lysate. GRB10 was also immunoprecipitated by rabbit anti-GRB10 antibody A301-734A, which recognizes an upstream epitope. For blotting immunoprecipitated GRB10, A301-734A was used at 0.4 µg/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.

Detection of human GRB10 by immunohistochemistry. *Sample:* FFPE section of human colon carcinoma. *Antibody:* Affinity purified rabbit anti-GRB10 (Cat. No. A301-735A Lot1) used at a dilution of 1:1,000 (1 µg/ml). *Detection:* DAB