



# SZABO SCANDIC

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## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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**Datasheet for 609-1106****Human IgA (alpha chain) Antibody****Overview**

|                      |   |
|----------------------|---|
| <b>Description:</b>  | Goat Anti-Human IgA (alpha chain) Antibody - 609-1106 |
| <b>Item No.:</b>     | 609-1106  |
| <b>Size:</b>         | 1 mg  |
| <b>Applications:</b> | Dot Blot, ELISA, Other                                |
| <b>Reactivity:</b>   | Human   |
| <b>Host Species:</b> | Goat  |

**Product Details**

|                      |  |
|----------------------|--|
| <b>Background:</b>   | Anti-Human IgA Antibody generated in goat detects immunoglobulin A (alpha chain) from human. Immunoglobulin A (IgA) is an antibody that plays a critical role in mucosal immunity. IgA has two subclasses (IgA1 and IgA2) and can exist in a dimeric form called secretory IgA (sIgA). Secondary Antibodies are available in a variety of formats and conjugate types. When choosing a secondary antibody product, consideration must be given to species and immunoglobulin specificity, conjugate type, fragment and chain specificity, level of cross-reactivity, and host-species source and fragment composition. |
| <b>Synonyms:</b>     | goat anti-Human IgA (alpha chain) Antibody, goat anti-Human IgA alpha Antibody   |
| <b>Host Species:</b> | Goat   |
| <b>Specificity:</b>  | IgA  |
| <b>Clonality:</b>    | Polyclonal   |
| <b>Format:</b>       | IgG  |

**Target Details**

|                    |                             |
|--------------------|-----------------------------|
| <b>Reactivity:</b> | Human                       |
| <b>Immunogen:</b>  | Human IgA alpha heavy chain |

|                            |  |
|----------------------------|--|
| <b>Purity/Specificity:</b> | Goat Anti-Human IgA was prepared from monospecific antiserum by immunoaffinity chromatography using Human IgA coupled to agarose beads followed by solid phase adsorption (s) to remove any unwanted reactivities. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Goat Serum, Human IgA and Human Serum. No reaction was observed against Human IgM or Human IgG. ELISA was used to confirm minimal cross reactivity against other human heavy or light chain isotypes. |
|----------------------------|--|

|                        |  |
|------------------------|--|
| <b>Relevant Links:</b> | <ul style="list-style-type: none"><li>• <a href="#">609-1106 SDS</a></li></ul> |
|------------------------|--|

## Application Details

|                                |  |
|--------------------------------|--|
| <b>Tested Applications:</b>    | Dot Blot, ELISA  |
| <b>Suggested Applications:</b> | Other (Based on references)  |
| <b>Application Note:</b>       | Human secondary antibody to IgA is available in a variety of formats. Anti-Human IgA Antibody has been tested by ELISA and dot blot and is suitable for Immunohistochemistry, Western Blotting as well as other antibody based assays. |
| <b>Assay Dilutions:</b>        | All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.  |
| <b>ELISA:</b>                  | 1:80,000   |
| <b>IHC:</b>                    | 1:1,000 - 1:5,000  |
| <b>WB:</b>                     | 1:2,000 - 1:10,000   |

## Formulation

|                        |  |
|------------------------|--|
| <b>Physical State:</b> | Liquid (sterile filtered)                                  |
| <b>Concentration:</b>  | 1.23 mg/mL by UV absorbance at 280 nm                      |
| <b>Buffer:</b>         | 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 |
| <b>Preservative:</b>   | 0.01% (w/v) Sodium Azide                                   |
| <b>Stabilizer:</b>     | None   |

## Shipping & Handling

|                            |   |
|----------------------------|---|
| <b>Shipping Condition:</b> | Wet Ice   |
| <b>Storage Condition:</b>  | Store secondary antibody at 4° C prior to opening. This Anti-Human IgA is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. |

**Expiration:** Expiration date is one (1) year from date of receipt.

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## References

- Rosen L et al. Saliva profiles in children using heart failure medication: a pilot study. *Eur Arch Paediatr Dent.* (2010)

## Disclaimer

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.