

Datasheet for ABIN458088

## Rabbit anti-Human IgA (Fc Region) Antibody



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### Overview

Quantity:	1 mL
Target:	IgA
Binding Specificity:	Fc Region
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Immunoprecipitation (IP)

### Product Details

Immunogen:	Highly purified normal IgA isolated from pooled human serum and a purified IgA2- . Freund's complete adjuvant is used in the first step of the immunization procedure.
Specificity:	Precipitating polyclonal Rabbit antiSerum to Human IgA, Fc specific.
Cross-Reactivity (Details):	The antiSerum does not cross-react with any other component of the Human immunoglobulin system as tested in gel-immunodiffusion techniques. Inter-species cross-reactivity is a normal feature of antibodies to immunoglobulins, since Ig of different species frequently share antigenic determinants. Cross-reactivity of this antiSerum has not been tested in detail.
Characteristics:	The reactivity of the antiserum is restricted to the Fc part of the IgA molecule. In immunoelectrophoresis and radial immunodiffusion, using various antiserum concentrations against normal human serum and milk, a single precipitin line is obtained which shows a reaction of identity with the precipitin line obtained with purified IgA. No precipitation reaction is obtained with purified IgG, IgM, and IgG/Fab fragments. In precipitating techniques as immunoelectrophoresis and radial immunodiffusion (Ouchterlony and Mancini) to identify the

## Product Details

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presence of IgA in human serum and other body fluids or to determine its concentration. To prepare an immunoabsorbent for the purification of human IgA from serum or plasma. Antisera to IgA do not discriminate between serum IgA (monomeric and dimeric) and higher molecular forms such as secretory IgA. This antiserum is not intended for use in non-precipitating antibody-binding or other highly sensitive assays. For such uses labelled and unlabelled cytochemical and immunoassay grade reagents meeting the necessary additional specificity and performance requirements are available.

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Purification: Delipidated, heat inactivated, stable whole serum

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Sterility: Heat-inactivated

## Target Details

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Target: IgA

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Abstract: [IgA Products](#)

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Target Type: Antibody

## Application Details

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Application Notes: Optimal working dilution should be determined by the investigator.

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Restrictions: For Research Use only

## Handling

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Format: Lyophilized

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Reconstitution: Reconstitute the lyophilized antiserum by adding 1 mL sterile distilled water. Delipidated, heat inactivated, lyophilized, stable whole antiserum. No preservative added. Total protein and IgG concentrations in the antiserum are comparable to those of pooled normal rabbit serum. No foreign proteins added. Reconstitute the lyophilized antiserum by adding 1 mL sterile distilled water.

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Buffer: Delipidated, heat inactivated, lyophilized, stable whole antiserum. No preservative added. Total protein and IgG concentrations in the antiserum are comparable to those of pooled normal rabbit serum. No foreign proteins added.

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Preservative: Without preservative

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Storage: 4 °C

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## Handling

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Storage Comment: Dilutions may be prepared by adding phosphate buffered saline (PBS, pH 7.2). Repeated thawing and freezing should be avoided. If a slight precipitation occurs upon storage, this should be removed by centrifugation. It will not affect the performance of the antiserum. Diluted antiserum should be stored at +4°C, not refrozen, and preferably used the same day.