

For Research Use Only

# HRP-conjugated IgA Heavy Chain Polyclonal antibody



Catalog Number: HRP-11449

## Basic Information

<b>Catalog Number:</b> HRP-11449	<b>GenBank Accession Number:</b> BC016369	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 3493	<b>Recommended Dilutions:</b> WB 1:5000-1:50000
<b>Source:</b> Rabbit	<b>Full Name:</b> immunoglobulin heavy constant alpha 1	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 496 aa, 53 kDa	
<b>Immunogen Catalog Number:</b> AG2007	<b>Observed MW:</b> 55 kDa	

## Applications

<b>Tested Applications:</b> WB	<b>Positive Controls:</b> WB : human plasma,
<b>Species Specificity:</b> human	

## Background Information

Ig alpha is the major immunoglobulin class in body secretions. It may serve both to defend against local infection and to prevent access of foreign antigens to the general immunologic system. This antibody recognizes the Chain C region of human Ig alpha-1 (IGHA1).

## Storage

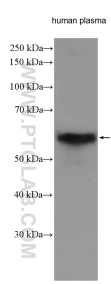
**Storage:**  
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.  
**Aliquoting is unnecessary for -20°C storage**

\*\*\* 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
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## Selected Validation Data



Human plasma were subjected to SDS PAGE followed by western blot with HRP-11449 (Human IgA Heavy Chain antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.