

For Research Use Only

# RPIA Polyclonal antibody

Catalog Number: 13010-1-AP



## Basic Information

<b>Catalog Number:</b> 13010-1-AP	<b>GenBank Accession Number:</b> BC015529	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 450 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 22934	<b>Recommended Dilutions:</b> WB 1:500-1:3000 IF 1:10-1:100
<b>Source:</b> Rabbit	<b>Full Name:</b> ribose 5-phosphate isomerase A	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 311 aa, 33 kDa	
<b>Immunogen Catalog Number:</b> AG3699	<b>Observed MW:</b> 33 kDa	

## Applications

<b>Tested Applications:</b> IF, WB, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> human, mouse, rat	<b>WB :</b> mouse spleen tissue, <b>IF :</b> HepG2 cells,

## Background Information

RPIA(Ribose-5-phosphate isomerase) is also named as RPI and belongs to the ribose 5-phosphate isomerase family. It is involved in pentose-phosphate shunt, non-oxidative branch. It is an enzyme in the pentose-phosphate pathway, appears to be determined by a single structural locus and is probably a dimer(PMID:7396409).

## Storage

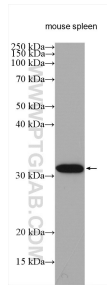
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

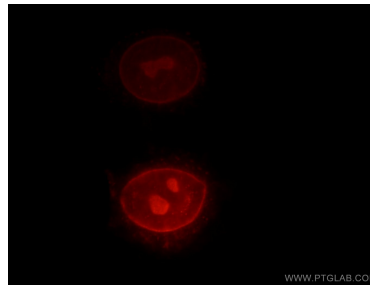
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 13010-1-AP (RPIA antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of HepG2 cells, using RPIA antibody 13010-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).