

## RPIA Polyclonal Antibody

Catalog number: 13010-1-AP

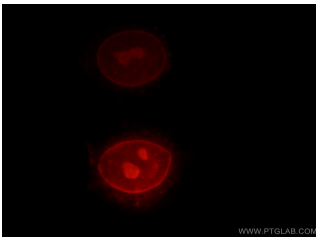
Size: 31 µg/150 µl

Source: Rabbit

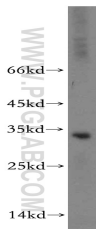
Isotype: IgG

Synonyms:

RPIA; Phosphoriboisomerase,  
Ribose 5 phosphate isomerase,  
ribose 5 phosphate isomerase  
A, RPI, RPIA



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



mouse spleen tissue were subjected to SDS PAGE followed by western blot with 13010-1-AP(RPIA antibody) at dilution of 1:500

### Background

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).

### Applications

Tested applications:	ELISA, WB, IF
Species specificity:	Human,Mouse,Rat; other species not tested.
Calculated RPIA MW:	311aa,33kd
Observed RPIA MW:	33kd
Positive WB detected in	Mouse spleen tissue, HEK-293 cells
Positive IF detected in	HepG2 cells
Recommended dilution:	WB: 1:200-1:2000 IF: 1:10-1:100

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

### Immunogen information

Immunogen:	Ag3699
GenBank accession number:	BC015529
Gene ID (NCBI):	22934
Full name:	Ribose 5-phosphate isomerase A

### Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3. Store at -20°C.