

RPIA Rabbit Polyclonal Antibody

Catalog No: #55575

Package Size: #55575-1 50ul #55575-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

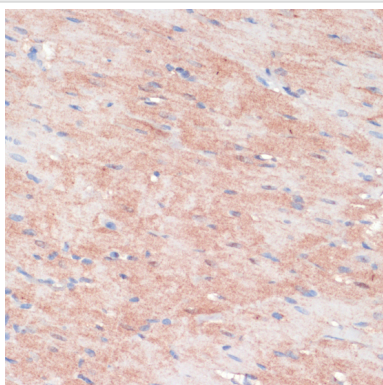
Description

Product Name	RPIA Rabbit Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IHC
Species Reactivity	Human,Mouse,Rat
Immunogen Description	Recombinant fusion protein of human RPIA (NP_653164.2).
Conjugates	Unconjugated
Other Names	RPIA;RPI;RPIAD
Accession No.	Swiss Prot:P49247GenelD:22934
Calculated MW	33kDa
SDS-PAGE MW	33kDa
Formulation	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

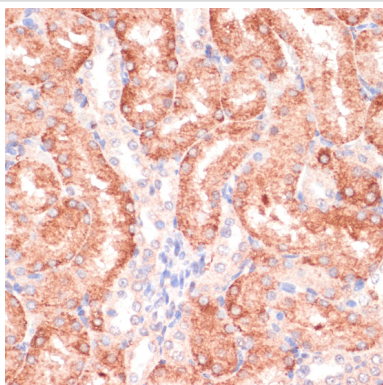
Application Details

WB□1:200 - 1:1000IHC□1:50 - 1:200

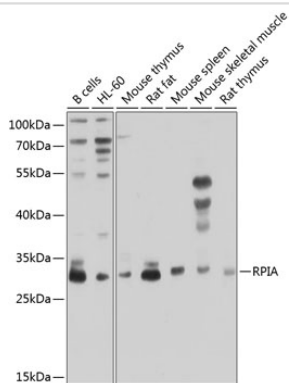
Images



Immunohistochemistry of paraffin-embedded rat heart using RPIA at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded rat kidney using RPIA at dilution of 1:100 (40x lens).



Western blot analysis of extracts of various cell lines, using RPIA at 1:1000 dilution.

Background

The protein encoded by this gene is an enzyme, which catalyzes the reversible conversion between ribose-5-phosphate and ribulose-5-phosphate in the pentose-phosphate pathway. This gene is highly conserved in most organisms. The enzyme plays an essential role in the carbohydrate metabolism. Mutations in this gene cause ribose 5-phosphate isomerase deficiency. A pseudogene is found on chromosome 18.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.