

ARG59984 anti-RPIA antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes RPIA
Tested Reactivity	Hu, Ms, Rat
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	RPIA
Species	Human
Immunogen	Recombinant fusion protein corresponding to aa. 82-311 of Human RPIA (NP_653164.2).
Conjugation	Un-conjugated
Alternate Names	RPI; RPIAD; Phosphoriboisomerase; EC 5.3.1.6; Ribose-5-phosphate isomerase

Application Instructions

Application table	Application	Dilution
	IHC-P	1:50 - 1:200
	WB	1:200 - 1:1000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Rat thymus, Mouse spleen and HL-60	
Observed Size	33 kDa	

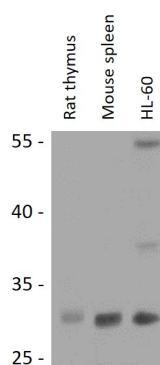
Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	RPIA
Gene Full Name	ribose 5-phosphate isomerase A
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. [provided by RefSeq, Mar 2010]
Calculated Mw	33 kDa

Images



ARG59984 anti-RPIA antibody WB image

Western blot: 25 µg of Rat thymus, Mouse spleen and HL-60 cell lysates stained with ARG59984 anti-RPIA antibody at 1:1000 dilution.