

Anti-PPP1R1A Rabbit Monoclonal Antibody

Introduction

Plays a role in regulating the phosphorylation of other proteins, and is itself phosphorylated by a cyclic AMP-dependent protein kinase at Threonine 35. In addition, the proline-directed kinases Cdk1, Cdk5, and mitogen-activated protein kinase (MAPK) mediate in vitro phosphorylation of IPP-1 at the phylogenetically conserved position Serine 67.

Product parameters

Alternative Names	I 1; I1; Inhibitor 1; IPP1; Ppp1r1a; Protein phosphatase 1 regulatory (inhibitor) subunit 1A
Gene ID	5502
Gene Name	PPP1R1A
SwissProt ID	Q13522
Host	Rabbit
Reactivity	Human, Mouse, Rat
Molecular Weight	Calculated MW: 19 kDa; Observed MW: 27 kDa
Conjugation	Unconjugated
Ex	-
Em	-
Modification	Unmodified
Clonality	IgG
Isotype	Monoclonal Antibody
Clonality No.	AP-6A7B2
Form	Liquid
Concentration	See label
Carrier	Carrier Free
Immunogen	A synthesized peptide derived from human PPP1R1A
Purification	Affinity Chromatography
Buffer System	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Application	WB, IHC-P, ICC/IF, FC, IP
Dilution Ratio	WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200 IP: 1/50 FC: 1/50-1/100
Research Field	Signal Transduction
Product Categories	Primary antibody

Shipping	Blue ice
Storage	-20°C
Expiration Date	12 months
Note	Please avoid freeze-thaw cycles.

Protocol



Configure the product according to the application range and recommended dilution ratio.

***Note:** The primary antibody dilution buffer options: WB - Primary Antibody Dilution Buffer (Cat. #: K1200, Not for HRP/AP conjugated antibodies), Immunostaining - Immunol Staining Primary Antibody Dilution Solution (Cat. #: K4655).

Note

1. This product is for scientific research use only.



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