



P2R3A Monoclonal Antibody

Catalog No	BYmab-06151
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB
Gene Name	PPP2R3A PPP2R3
Protein Name	Serine/threonine-protein phosphatase 2A regulatory subunit B" subunit alpha (PP2A subunit B isoform PR72/PR130) (PP2A subunit B isoform R3 isoform) (PP2A subunit B isoforms B"-PR72/PR130) (PP2A subu
Immunogen	Synthesized peptide derived from human protein . at AA range: 380-460
Specificity	P2R3A Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	126kD
Cell Pathway	protein phosphatase type 2A complex,
Tissue Specificity	Expressed in heart, brain, placenta, lung, muscle and kidney.
Function	function:The B regulatory subunit might modulate substrate selectivity and catalytic activity, and also might direct the localization of the catalytic enzyme to a particular subcellular compartment.,similarity:Contains 2 EF-hand domains.,subunit:PP2A consists of a common heterodimeric core enzyme, composed of a 36 kDa catalytic subunit (subunit C) and a 65 kDa constant regulatory subunit (PR65 or subunit A), that associates with a variety of regulatory subunits. Proteins that associate with the core dimer include three families of regulatory subunits B (the R2/B/PR55/B55, R3/B"/PR72/PR130/PR59 and R5/B'/B56 families), the 48 kDa variable regulatory subunit, viral proteins, and cell signaling molecules.,tissue specificity:Expressed in heart, brain, placenta, lung, muscle and kidney.,

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**Background**

This gene encodes one of the regulatory subunits of the protein phosphatase 2. Protein phosphatase 2 (formerly named type 2A) is one of the four major Ser/Thr phosphatases and is implicated in the negative control of cell growth and division. Protein phosphatase 2 holoenzymes are heterotrimeric proteins composed of a structural subunit A, a catalytic subunit C, and a regulatory subunit B. The regulatory subunit is encoded by a diverse set of genes that have been grouped into the B/PR55, B[']/PR61, and B['][']/PR72 families. These different regulatory subunits confer distinct enzymatic specificities and intracellular localizations to the holoenzyme. The product of this gene belongs to the B[']['] family. The B[']['] family has been further divided into subfamilies. The product of this gene belongs to the alpha subfamily of regulatory subunit B[']['].

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

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