



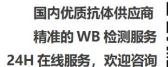
## 2A5B Monoclonal Antibody

BYmab-06147
IgG
Human;Rat;Mouse;
WB
PPP2R5B
Serine/threonine-protein phosphatase 2A 56 kDa regulatory subunit beta isoform (PP2A B subunit isoform B'-beta) (PP2A B subunit isoform B56-beta) (PP2A B subunit isoform PR61-beta) (PP2A B subunit iso
Synthesized peptide derived from human protein . at AA range: 160-240
2A5B Monoclonal Antibody detects endogenous levels of protein.
Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Monoclonal, Mouse,IgG
The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
WB 1:500-2000
1 mg/ml
≥90%
-20°C/1 year
54kD
Cytoplasm .
Highest expression in brain.
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., induction: By retinoic acid; in neuroblastoma cell lines., PTM: At least isoform Beta-1 is phosphorylated on serine residues., similarity: Belongs to the phosphatase 2A regulatory subunit B56 family., 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

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网址: www.njbybio.com 官方热线: 025-5229-8998 监督电话: 15950492658







signaling molecules. Interacts with SGOL1.,tissue sp

**Background** 

The product of this gene belongs to the phosphatase 2A regulatory subunit B family. Protein phosphatase 2A is one of the four major Ser/Thr phosphatases, and it is implicated in the negative control of cell growth and division. It consists of a common heteromeric core enzyme, which is composed of a catalytic subunit and a constant regulatory subunit, that associates with a variety of regulatory subunits. The B regulatory subunit might modulate substrate selectivity and catalytic activity. This gene encodes a beta isoform of the regulatory subunit B56 subfamily. [provided by RefSeq, Jul 2008],

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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