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PPP2R2B Antibody (clone 1F3)

Mouse Monoclonal Antibody

Catalog # ALS14537

Specification

PPP2R2B Antibody (clone 1F3) - Product Information

Application	**IP**
Primary Accession	Q00005
Reactivity	**Human**
Host	**Mouse**
Clonality	**Monoclonal**
Calculated MW	**52kDa KDa**

PPP2R2B Antibody (clone 1F3) - Additional Information

Gene ID 5521

Other Names
Serine/threonine-protein phosphatase 2A 55 kDa regulatory subunit B beta isoform, PP2A subunit B isoform B55-beta, PP2A subunit B isoform PR55-beta, PP2A subunit B isoform R2-beta, PP2A subunit B isoform beta, PPP2R2B

Target/Specificity
Human PPP2R2B

Reconstitution & Storage
Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles.

Precautions
PPP2R2B Antibody (clone 1F3) is for research use only and not for use in diagnostic or therapeutic procedures.

PPP2R2B Antibody (clone 1F3) - Protein Information

Name PPP2R2B

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. Within the PP2A holoenzyme complex, isoform 2 is required to promote proapoptotic activity (By similarity). Isoform 2 regulates neuronal survival through the mitochondrial fission and fusion balance (By similarity).

Cellular Location
[Isoform 1]: Cytoplasm. Cytoplasm, cytoskeleton. Membrane

Tissue Location
Brain.

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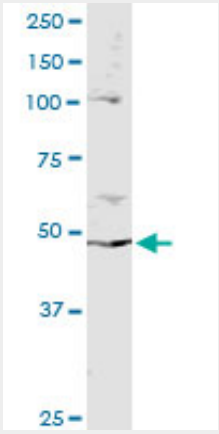
PPP2R2B Antibody (clone 1F3) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

PPP2R2B Antibody (clone 1F3) - Images



Immunoprecipitation of PPP2R2B transfected lysate using anti-PPP2R2B monoclonal antibody and...

PPP2R2B Antibody (clone 1F3) - Background

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. Within the PP2A holoenzyme complex, isoform 2 is required to promote proapoptotic activity (By similarity). Isoform 2 regulates neuronal survival through the mitochondrial fission and fusion balance (By similarity).

PPP2R2B Antibody (clone 1F3) - References

Mayer R.E.,et al.Biochemistry 30:3589-3597(1991).
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Schmutz J.,et al.Nature 431:268-274(2004).
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