

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

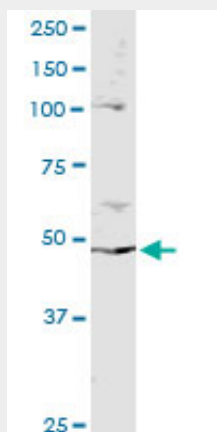
Brain.

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 Cytometry](#)
- [Cell Culture](#)

PPP2R2B Antibody (clone 1F3) - Images



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

PPP2R2B Antibody (clone 1F3) - Background

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PPP2R2B Antibody (clone 1F3) - References

Mayer R.E.,et al.Biochemistry 30:3589-3597(1991).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Schmutz J.,et al.Nature 431:268-274(2004).
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.
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