

PPP2R4 Ab

Cat.#: BF0337
Size: 50ul,100ul,200ul

Concn.: 1mg/ml
Source: Mouse

Mol.Wt.: 41kDa
Clonality: Monoclonal

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| Application: | ELISA 1/10000, WB 1/500 - 1/2000, IHC 1/200 - 1/1000, ICC 1/200 - 1/1000, FCM 1/200 - 1/400 |
| Reactivity: | Human |
| Purification: | Affinity-chromatography. |
| Specificity: | PPP2R4 Ab detects endogenous levels of total PPP2R4. |
| Immunogen: | Purified recombinant fragment of human PPP2R4 expressed in E. Coli. |
| Uniprot: | Q15257 |
| Description: | Protein phosphatase 2A is one of the four major Ser/Thr phosphatases and is implicated in the negative control of cell growth and division. Protein phosphatase 2A 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. This gene encodes a specific phosphotyrosyl phosphatase activator of the dimeric form of protein phosphatase 2A. Alternative splicing results in multiple transcript variants encoding different isoforms. |
| Subcellular Location: | Cytoplasm. Nucleus. |
| Tissue Specificity: | Widely expressed. |
| Similarity: | Belongs to the PTPA-type PPlase family. |
| Storage Condition and Buffer: | Mouse IgG1 in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt. |

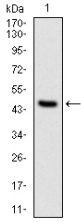


Figure 1: Western blot analysis using PPP2R4 mAb against human PPP2R4 (AA: 1-154) recombinant protein. (Expected MW is 41 kDa)

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

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