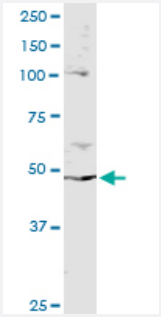
PPP2R2B (Human) IP-WB Antibody Pair

Catalog # H00005521-PW1 Size 1 Set

Applications



Immunoprecipitation of PPP2R2B transfected lysate using mouse monoclonal anti-PPP2R2B and Protein A Magnetic Bead (U0007), and immunoblotted with rabbit polyclonal anti-PPP2R2B.

Specification

Product Description	This IP-WB antibody pair set comes with one antibody for immunoprecipitation and another to detect the precipitated protein in western blot.
Reactivity	Human
Quality Control Testing	Immunoprecipitation-Western Blot (IP-WB) Immunoprecipitation of PPP2R2B transfected lysate using mouse monoclonal anti-PPP2R2B and Protein A Magnetic Bead (U0007), and immunoblotted with rabbit polyclonal anti-PPP2R2B.
Supplied Product	Antibody pair set content: 1. Antibody pair for IP: mouse monoclonal anti-PPP2R2B (300 ug) 2. Antibody pair for WB: rabbit polyclonal anti-PPP2R2B (50 ul)
Storage Instruction	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

Applications

- Immunoprecipitation-Western Blot

Protocol Download

Gene Info — PPP2R2B

Entrez GeneID	5521
Gene Name	PPP2R2B
Gene Alias	B55-BETA, FLJ95686, MGC24888, PP2A-B55BETA, PP2A-PR55B, PP2AB-BETA, PP2APR55-BETA, PR2AB-BETA, PR2AB55-BETA, PR2APR55-BETA, PR52B, PR55-BETA, SCA12
Gene Description	protein phosphatase 2 (formerly 2A), regulatory subunit B, beta isoform
Omim ID	604325 604326
Gene Ontology	Hyperlink
Gene Summary	The product of this gene belongs to the phosphatase 2 regulatory subunit B family. Protein phosphatase 2 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 B55 subfamily. Defects in this gene cause autosomal dominant spinocerebellar ataxia 12 (SCA12), a disease caused by degeneration of the cerebellum, sometimes involving the brainstem and spinal cord, and in resulting in poor coordination of speech and body movements. Multiple alternatively spliced variants, which encode different isoforms, have been identified for this gene. The 5' UTR of some of these variants includes a CAG trinucleotide repeat sequence (7-28 copies) that can be expanded to 66-78 copies in cases of SCA12. [provided by RefSeq
Other Designations	PP2A, subunit B, B-beta isoform|PP2A, subunit B, R2-beta isoform|beta isoform of regulatory subunit B55, protein phosphatase 2|protein phosphatase 2 (formerly 2A), regulatory subunit B (PR 52), beta isoform|serine/threonine protein phosphatase 2A, 55 kDa

Pathway

- Tight junction

Disease

- Alzheimer disease
- Cardiovascular Diseases
- Cerebellar Ataxia
- Chronic Disease
- Diabetes Mellitus

- Disease Progression
- Edema
- Essential tremor
- Genetic Predisposition to Disease
- Genomic Instability
- Parkinson disease
- Schizophrenia
- Spinocerebellar ataxia
- Spinocerebellar Ataxias
- Tobacco Use Disorder