

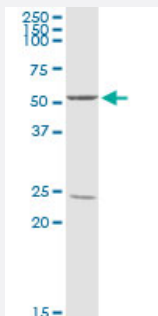
MaxPab®

PPP2R2B purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00005521-D01P

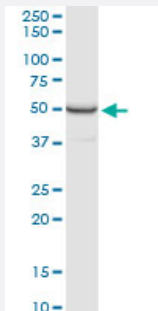
Size 100 ug

Applications



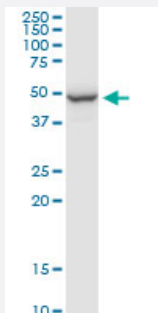
Western Blot (Tissue lysate)

PPP2R2B MaxPab rabbit polyclonal antibody. Western Blot analysis of PPP2R2B expression in mouse spleen.



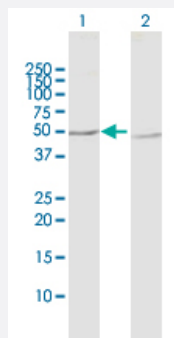
Western Blot (Tissue lysate)

PPP2R2B MaxPab rabbit polyclonal antibody. Western Blot analysis of PPP2R2B expression in human spleen.



Western Blot (Cell lysate)

PPP2R2B MaxPab rabbit polyclonal antibody. Western Blot analysis of PPP2R2B expression in HepG2.



Western Blot (Transfected lysate)

Western Blot analysis of PPP2R2B expression in transfected 293T cell line ([H00005521-T02](#)) by PPP2R2B MaxPab polyclonal antibody.

Lane 1: PPP2R2B transfected lysate (51.70 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human PPP2R2B protein.
Immunogen	PPP2R2B (NP_004567.1, 1 a.a. ~ 443 a.a) full-length human protein.
Sequence	MEEDIDTRKINNSFLRDHSYATEADIISTVEFNHTGELLATGDKGGRVVIFQREQESKNQVHRRGEY NVYSTFQSHEPEFDYLSLEIEEKINKIRWLPQQNAAYFLLSTNDKTVKLWKVSEDRKPEGYNLK DEEGLRDPATITTLRVPVLRPMDLMVEATPRRVFANAHTYHINSISVNSDYETYSADDLRINLWN FEITNQSFNVDIKPANMEELTEVITAAEFHPPHCNTFVYSSSGKTIRLCDMRASALCDRHTKFFEE PEDPSNRSFFSEIISISDVKFSHSGRYMTRDYLTVKVWDLNMENRPIETYQVHDYLRSLKCSLYE NDCIFDKFECVWNGSDSVIMTGSYNNFFRMFDRNTKRDVTLEASRENSKPRAILKPRKVCVGGK RRKDEISVDSLDFSKKILHTAWHPSENIIAATAATNNLYIFQDKVN
Host	Rabbit
Reactivity	Human, Mouse
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

● Western Blot (Tissue lysate)

PPP2R2B MaxPab rabbit polyclonal antibody. Western Blot analysis of PPP2R2B expression in mouse spleen.

[Protocol Download](#)

- Western Blot (Tissue lysate)

PPP2R2B MaxPab rabbit polyclonal antibody. Western Blot analysis of PPP2R2B expression in human spleen.

[Protocol Download](#)

- Western Blot (Cell lysate)

PPP2R2B MaxPab rabbit polyclonal antibody. Western Blot analysis of PPP2R2B expression in HepG2.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of PPP2R2B expression in transfected 293T cell line ([H00005521-T02](#)) by PPP2R2B MaxPab polyclonal antibody.

Lane 1: PPP2R2B transfected lysate(51.70 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Info — PPP2R2B

Entrez GeneID	5521
GeneBank Accession#	NM_004576.2
Protein Accession#	NP_004567.1
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](#)