

Rabbit anti-Human, Mouse PPP2R2B Polyclonal Antibody | anti-PPP2R2B antibody

Rabbit anti-PPP2R2B Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211252	Rabbit	Human, Mouse	Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

PPP2R2B; Polyclonal Antibody; Rabbit anti-PPP2R2B Antibody; Affinity Purified; serine/threonine-protein phosphatase 2A 55 kDa regulatory subunit B beta isoform; PR2APR55BETA; PR55BETA; PR55-BETA; protein phosphatase 2; regulatory subunit B; beta; SCA12; PR2AB55BETA; serine/threonine protein phosphatase 2A; neuronal isoform; PR2ABBETA; 55 kDa regulatory subunit B; beta isoform; PP2A subunit B isoform beta; PR52B; PP2A subunit B isoform B55-beta; PP2APR55BETA; PP2A subunit B isoform PR55-beta; PP2A subunit B isoform R2-beta; PP2A; subunit B; B-beta isoform; PP2AB55BETA; PP2ABBETA; PP2APR55B; B55BETA; Serine/threonine-protein phosphatase 2A 55 kDa regulatory subunit B beta isoform; protein phosphatase 2 regulatory subunit Bbeta; anti-PPP2R2B antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-PPP2R2B antibody	IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Rat, Bovine, Rabbit, Pig, Orangutan
Immunogen	Between 50 and 100
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human and mouse PPP2R2B by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, and mouse TCMK-1 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-PPP2R2B antibody AAA211252 (lot AAA211252-2) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



IP (Immunoprecipitation)

Detection of human PPP2R2B by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-PPP2R2B antibody AAA211252 (lot AAA211252-2) used for IP at 6 ug per reaction. PPP2R2B was also immunoprecipitated by rabbit anti-PPP2R2B antibody BL4250. For blotting immunoprecipitated PPP2R2B, AAA211252 was used at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-PPP2R2B antibody	PP2A is a major serine/threonine phosphatase that is implicated in the negative control of cell cycle progression. It is a trimeric holoenzyme that is comprised of a catalytic, structural, and regulatory subunit. PPP2R2B is a regulatory subunit of PP2A. The regulatory subunits of PP2A are grouped into 3 families: B/PR55, B'/PR61, and B''/PR72. PPP2R2B encodes a beta isoform of the B/PR55 subunit family. PPP2R2B is brain specific. An expansion of a CAG repeat in the 5'region of PP2R2B is associated with spinocerebellar ataxia type 12 (SCA12), an autosomal dominant neurodegenerative disorder.
Product Categories/Family for anti-PPP2R2B antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4758954
NCBI GeneID	5521
NCBI Accession #	NP_004567.1
NCBI GenBank Nucleotide #	NM_004576.2
UniProt Accession #	Q00005; A6NEJ2; A8K102; B3KPD0; B7Z2F2; B7Z304; D3DQF7; D3DQF8; G3V149
Molecular Weight	62,505 Da
NCBI Official Synonym Full Names	protein phosphatase 2, regulatory subunit B, beta
NCBI Official Symbol	PPP2R2B
NCBI Official Synonym Symbols	PR52B; SCA12; B55BETA; PR55BETA; PP2ABBETA; PP2APR55B; PR2ABBETA; PR55-BETA; PP2AB55BETA; PR2AB55BETA; PP2APR55BETA; PR2APR55BETA
NCBI Protein Information	serine/threonine-protein phosphatase 2A 55 kDa regulatory subunit B beta isoform
UniProt Protein Name	Serine/threonine-protein phosphatase 2A 55 kDa regulatory subunit B beta isoform
UniProt Gene Name	PPP2R2B
UniProt Entry Name	2ABB_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.