

Product datasheet for TA362018

PPP2R2B Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: WB

Reactivity: Human Host: Rabbit

Clonality: Polyclonal

The immunogen is a synthetic peptide directed towards the middle region of human Immunogen:

PPP2R2B

Specificity: **Expected reactivity**: Human

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

Concentration: lot specific

Purification: Affinity purified Conjugation: Unconjugated

Storage: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

aliquots to prevent freeze-thaw cycles.

Stability: Shelf life: one year from despatch.

Predicted Protein Size: 60 kDa

Gene Name: protein phosphatase 2 regulatory subunit Bbeta

Database Link: NP 001258828.1

Entrez Gene 5521 Human

Q00005-7



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Background:

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 55-78 copies in cases of SCA12.

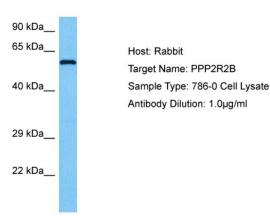
Synonyms: B55-BETA; FLJ95686; MGC24888; PP2A-B55BETA; PP2A-PR55B; PP2AB-BETA; PP2APR55-BETA;

PR2AB-BETA; PR2AB55-BETA; PR2APR55-BETA; PR52B; PR55-BETA; SCA12

Protein Families: Druggable Genome, Phosphatase

Protein Pathways: Tight junction

Product images:



Host: Rabbit

Target Name: PPP2R2B

Sample Tissue: Human 786-0 Whole Cell lysates

Antibody Dilution: 1ug/ml