



PR48 rabbit pAb

Cat No.:ES5573

For research use only

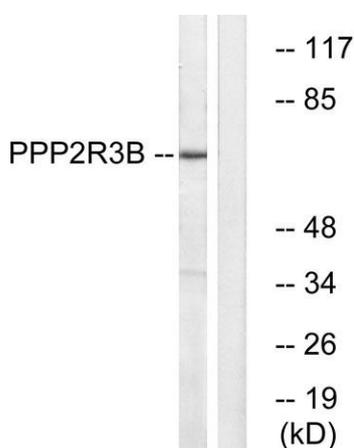
Overview

Product Name	PR48 rabbit pAb
Host species	Rabbit
Applications	WB;IHC
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	WB 1:500-2000;IHC-p 1:50-300
Immunogen	The antiserum was produced against synthesized peptide derived from human PPP2R3B. AA range:364-413
Specificity	PR48 Polyclonal Antibody detects endogenous levels of PR48 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Serine/threonine-protein phosphatase 2A regulatory subunit B" subunit beta
Gene Name	PPP2R3B
Cellular localization	Nucleus .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	70kD
Human Gene ID	28227
Human Swiss-Prot Number	Q9Y5P8
Alternative Names	PPP2R3B; PPP2R3L; Serine/threonine-protein phosphatase 2A regulatory subunit B" subunit beta; PP2A subunit B isoform PR48; Protein phosphatase 2A 48 kDa regulatory subunit
Background	Protein phosphatase 2 (formerly named type 2A) is one of the four major Ser/Thr phosphatases and is implicated in the negative control of cell growth and division. Protein phosphatase 2 holoenzymes are

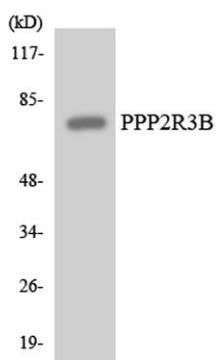




heterotrimeric proteins composed of a structural subunit A, a catalytic subunit C, and a regulatory subunit B. The regulatory subunit is encoded by a diverse set of genes that have been grouped into the B/PR55, B'/PR61, and B''/PR72 families. These different regulatory subunits confer distinct enzymatic specificities and intracellular localizations to the holoenzyme. The product of this gene belongs to the B'' family. The B'' family has been further divided into subfamilies. The product of this gene belongs to the beta subfamily of regulatory subunit B''. [provided by RefSeq, Apr 2010],



Western blot analysis of lysates from K562 cells, using PPP2R3B Antibody. The lane on the right is blocked with the synthesized peptide.

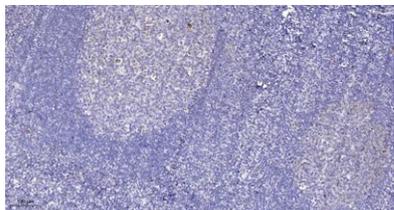


Western blot analysis of the lysates from HT-29 cells using PPP2R3B antibody.





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Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).



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