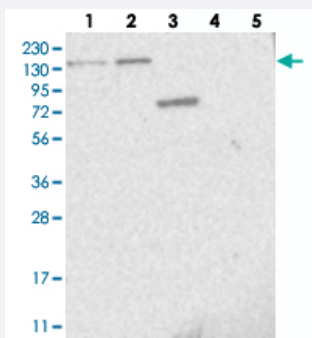


PPP2R3A polyclonal antibody

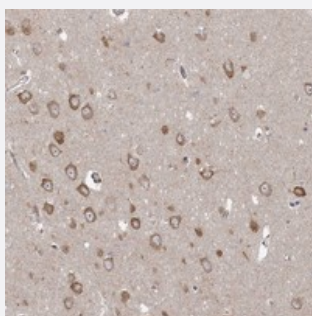
Catalog # PAB22913 Size 100 uL

Applications



Western Blot

Western blot analysis of Lane 1: RT-4, Lane 2: U-251 MG, Lane 3: Human Plasma, Lane 4: Liver, Lane 5: Tonsil with PPP2R3A polyclonal antibody (Cat # PAB22913) at 1:250-1:500 dilution.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human hippocampus with PPP2R3A polyclonal antibody (Cat # PAB22913) shows moderate cytoplasmic positivity in neuronal cells at 1:200-1:500 dilution.

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant PPP2R3A.
Immunogen	Recombinant protein corresponding to amino acids of human PPP2R3A.
Sequence	EQRDPFAVQKDVENDGPEPSDWDRFAAEYETLVAEESAQAQFQEGFEDYETDEPASPSEFG NKSNIKLSASLPEKCGKQLQSVDEE
Host	Rabbit
Reactivity	Human
Form	Liquid

Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:200-1:500) Western Blot (1:250-1:500) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

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Gene Info — PPP2R3A

Entrez GeneID	5523
Protein Accession#	Q06190
Gene Name	PPP2R3A
Gene Alias	PPP2R3, PR130, PR72
Gene Description	protein phosphatase 2 (formerly 2A), regulatory subunit B", alpha
Omim ID	604944
Gene Ontology	Hyperlink

Gene Summary

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 alpha subfamily of regulatory subunit B''. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq]

Other Designations

PP2A, subunit B, B''-PR72/PR130|PP2A, subunit B, B72/B130 isoforms|PP2A, subunit B, R3 isoform|Serine/threonine protein phosphatase 2A, 72/130 kDa regulatory subunit B|protein phosphatase 2 (formerly 2A), regulatory subunit B'' (PR 72), alpha isoform and

Disease

- [Kidney Failure](#)