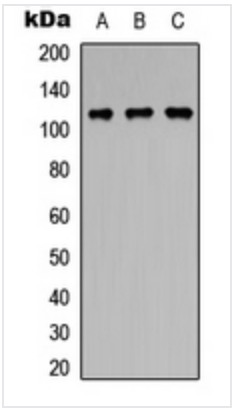
PPP1R13B Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	PPP1R13B, Polyclonal Antibody
Full Product Name	Anti-PPP1R13B Antibody
Product Gene Name	anti-PPP1R13B antibody
Product Synonym Names	ASPP1; KIAA0771; Apoptosis-stimulating of p53 protein 1; Protein phosphatase 1 regulatory subunit 13B
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Specificity	Recognizes endogenous levels of PPP1R13B protein.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.
Antibody/Peptide Pairs	PPP1R13B peptide (MBS8214500) is used for blocking the activity of PPP1R13B antibody (MBS8235383)
Molecular Weight	119,565 Da
OMIM	606455
3D Structure	ModBase 3D Structure for Q96KQ4
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human PPP1R13B. The exact sequence is proprietary.
Applications Tested/Suitable for anti-PPP1R13B antibody	Western Blot (WB)
Application Notes for anti-PPP1R13B antibody	WB (1/500 - 1/1000)
Related Product Information for anti-PPP1R13B antibody	MBS8235383 is an antibody targeting PPP1R13B. Reactive in Human, Mouse, Rat. Host: Rabbit. Rabbit polyclonal antibody to PPP1R13B
Other Notes	Small volumes of anti-PPP1R13B antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Western Blot (WB) of anti-PPP1R13B antibody
Western blot analysis of PPP1R13B expression in HEK293T (A), Raw264.7 (B), PC12 (C) whole cell lysates.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for PPP1R13B. It may not necessarily be applicable to this product.

NCBI GI #	121114287
NCBI GeneID	23368
NCBI Accession #	NP_056131.2
UniProt Primary Accession #	Q96KQ4
UniProt Secondary Accession #	O94870; B2RMX5
UniProt Related Accession #	Q96KQ4
GenBank Nucleotide #	NM_015316.2
NCBI Official Full Name	apoptosis-stimulating of p53 protein 1
NCBI Official Synonym Full Names	protein phosphatase 1, regulatory subunit 13B
NCBI Official Symbol	PPP1R13B
NCBI Official Synonym Symbols	p85; ASPP1; p53BP2-like
UniProt Protein Name	Apoptosis-stimulating of p53 protein 1
UniProt Synonym Protein Names	Protein phosphatase 1 regulatory subunit 13B
Protein Family	Apoptosis-stimulating of p53 protein
UniProt Gene Name	PPP1R13B
UniProt Synonym Gene Names	ASPP1; KIAA0771
UniProt Entry Name	ASPP1_HUMAN
NCBI Protein Information	apoptosis-stimulating of p53 protein 1
NCBI Summary for PPP1R13B	This gene encodes a member of the ASPP (apoptosis-stimulating protein of p53) family of p53 interacting proteins. The protein contains four ankyrin repeats and an SH3 domain involved in protein-protein interactions. ASPP proteins are required for the induction of apoptosis by p53-family proteins. They promote DNA binding and transactivation of p53-family proteins on the promoters of proapoptotic genes. Expression of this gene is regulated by the E2F transcription factor. [provided by RefSeq, Jul 2008]

UniProt Comments for PPP1R13B	PPP1R13B: Regulator that plays a central role in regulation of apoptosis via its interaction with p53/TP53. Regulates TP53 by enhancing the DNA binding and transactivation function of TP53 on the promoters of proapoptotic genes in vivo. Belongs to the ASPP family. Protein type: Protein phosphatase, regulatory subunit; Apoptosis; Tumor suppressor Chromosomal Location of Human Ortholog: 14q32.33 Cellular Component: nucleoplasm; cytoplasm; plasma membrane; nucleus Molecular Function: protein binding; transcription factor binding Biological Process: negative regulation of cell cycle
Research Articles on PPP1R13B	**1.** ASPP1/2 interacted with centrosome linker protein C-Nap1. Co-depletion of ASPP1 and ASPP2 inhibited re-association of C-Nap1 with centrosome at the end of mitosis.
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