PPP1R13B Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	PPP1R13B, Polyclonal Antibody
Full Product Name	PPP1R13B Antibody, FITC conjugated
Product Gene Name	anti-PPP1R13B antibody
Product Synonym Names	Apoptosis-stimulating of p53 protein 1; Protein phosphatase 1 regulatory subunit 13B; PPP1R13B; ASPP1; KIAA0771
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid
Purity/Purification	>95%, Protein G purified
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.
Matching Pairs	Unconjugated Antibody: PPP1R13B (MBS7050980) FITC Conjugated Antibody: PPP1R13B (MBS7050982)
Molecular Weight	119,565 Da
OMIM	AJ318887 mRNA
3D Structure	ModBase 3D Structure for Q96KQ4
Immunogen	Recombinant Human Apoptosis-stimulating of p53 protein 1 protein (375-675AA)
Preservative	0.03% Proclin 300
Constituents	50% Glycerol, 0.01M PBS, PH 7.4
Conjugation	FITC
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-10921 / sc-50890 / sc-50891 / sc-50892 / sc-50893
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-PPP1R13B antibody	ELISA (EIA)
Related Product Information for anti-PPP1R13B antibody	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.
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.
Searchable Terms for PPP1R13B purchase	MBS7050982 is an antibody targeting PPP1R13B. Also known as PPP1R13B Antibody, FITC conjugated. Reactive in Human. Host: Rabbit.

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: Apoptosis; Protein phosphatase, regulatory subunit; Tumor suppressor Chromosomal Location of Human Ortholog: 14q32.33 Cellular Component: cytoplasm; nucleoplasm; nucleus; plasma membrane Molecular Function: p53 binding; protein binding Biological Process: negative regulation of cell cycle; regulation of apoptosis
Research Articles on PPP1R13B	**1.** ASPP1/2-PP1 complexes are required for chromosome segregation and kinetochore-microtubule attachments.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.

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