

Datasheet for ABIN2783179
anti-PPP1R13B antibody (Middle Region)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	PPP1R13B
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PPP1R13B antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human PPP1R13B
Sequence:	EFDLVQRIIY EVEDPSKPND EGITPLHNAV CAGHHHIVKF LLDFGVNVNA
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 93%, Rat: 100%, Zebrafish: 93%
Characteristics:	This is a rabbit polyclonal antibody against PPP1R13B. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	PPP1R13B
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Target Details

Alternative Name:	PPP1R13B (PPP1R13B Products)
Background:	<p>PPP1R13B is 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. 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.</p> <p>Alias Symbols: ASPP1, KIAA0771, p53BP2-like, p85</p> <p>Protein Interaction Partner: TRAF1, CCDC184, MIPOL1, LATS2, SIAH2, PPP1CC, PPP1CA, HRAS, LATS1, KHDRBS1, ERBB2, CEP63, TNIK, CDC5L, UBC, PLEKHA5, APC, TP63, TP73, E2F4, E2F3, E2F2, E2F1,</p> <p>Protein Size: 1090</p>
Molecular Weight:	119 kDa
Gene ID:	23368
NCBI Accession:	NM_015316 , NP_056131
UniProt:	Q96KQ4
Pathways:	p53 Signaling

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 1090 AA
Restrictions:	For Research Use only

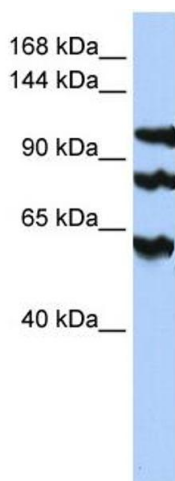
Handling

Format:	Liquid
Concentration:	Lot specific

Handling

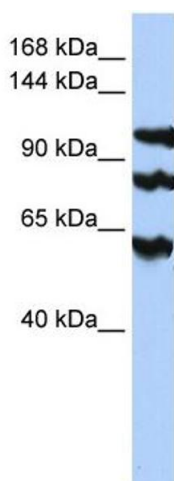
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	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.

Images



Western Blotting

Image 1. WB Suggested Anti-PPP1R13B Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: HepG2 cell lysate PPP1R13B is supported by BioGPS gene expression data to be expressed in HepG2



Western Blotting

Image 2. WB Suggested Anti-PPP1R13B Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1:12500 Positive Control: HepG2 cell lysate PPP1R13B is supported by BioGPS gene expression data to be expressed in HepG2