

Rabbit anti-Human, mouse PPM1H Polyclonal Antibody | anti-PPM1H antibody

PPM1H Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284190	Rabbit	Human, mouse	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

PPM1H; Polyclonal Antibody; PPM1H Antibody (Center); Protein phosphatase 1H; ARHCL1; KIAA1157; URCC2; anti-PPM1H antibody

PRODUCT SPECIFICATIONS

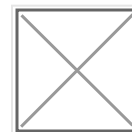
Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	This PPM1H antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 235-263 amino acids from the Central region of human PPM1H.
Purity/Purification	This antibody is purified through a protein A column, followed by peptide affinity purification
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Sequence Positions	235-263
Sequence Length	514
Applicable Applications for anti-PPM1H antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Function	Dephosphorylates CDKN1B at 'Thr-187', thus removing a signal for proteasomal degradation
Cellular Location	Nucleus. Cytoplasm
Preparation and Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

IMAGES



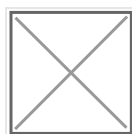
FCM/FACS (Flow Cytometry)

PPM1H Antibody (Center) flow cytometry analysis of Jurkat cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)

Formalin-fixed and paraffin-embedded human brain tissue reacted with PPM1H Antibody (Center), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)

Western blot analysis of PPM1H Antibody (Center) in K562, 293, MCF-7, Jurkat cell line and mouse spleen tissue lysates (35ug/lane). PPM1H (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

References	Sugiura,T., et.al., Cancer Biol. Ther. 7 (2), 285-292 (2008) Labes,M., et.al., Mol. Cell. Neurosci. 12 (1-2), 29-47 (1998)
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NCBI AND UNIPROT INFORMATION

NCBI GI #	149944715
NCBI GeneID	57460
NCBI Accession #	NP_065751.1
NCBI GenBank Nucleotide #	NM_020700.1
UniProt Accession #	Q9ULR3; Q6PI86; B1Q2A9; B2RXG4
NCBI Official Full Name	protein phosphatase 1H
NCBI Official Synonym Full Names	protein phosphatase, Mg2+/Mn2+ dependent, 1H
NCBI Official Symbol	PPM1H
NCBI Official Synonym Symbols	URCC2; ARHCL1; NERPP-2C
NCBI Protein Information	protein phosphatase 1H
UniProt Protein Name	Protein phosphatase 1H
UniProt Gene Name	PPM1H
UniProt Synonym Gene Names	ARHCL1; KIAA1157; URCC2
UniProt Entry Name	PPM1H_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.