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PPM1H Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP9093c

Product Information

Application	WB, IHC-P, FC, E
Primary Accession	Q9ULR3
Reactivity	Human, Rat, Mouse
Predicted	Bovine, Canine, Rabbit, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB21341
Calculated MW	56448
Antigen Region	235-263

Additional Information

Gene ID	57460
Other Names	Protein phosphatase 1H, PPM1H, ARHCL1, KIAA1157, URCC2
Target/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.
Dilution	WB~~1:1000 IHC-P~~1:100~500 FC~~1:10~50 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
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.
Precautions	PPM1H Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	PPM1H
Synonyms	ARHCL1, KIAA1157, URCC2
Function	Dephosphorylates CDKN1B at 'Thr-187', thus removing a signal for

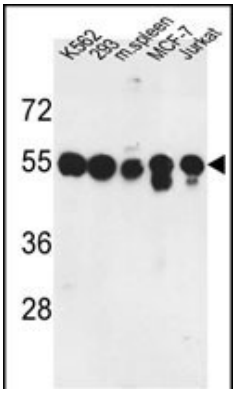
proteasomal degradation.

Cellular Location Nucleus. Cytoplasm

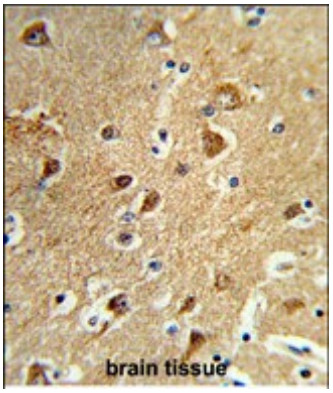
References

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)

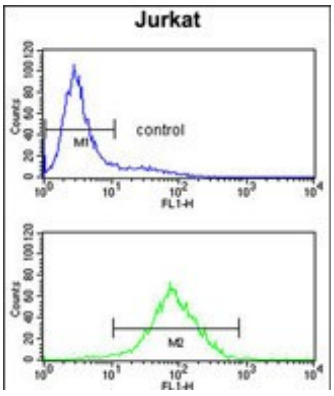
Images



Western blot analysis of PPM1H Antibody (Center) (Cat. #AP9093c) in K562, 293, MCF-7, Jurkat cell line and mouse spleen tissue lysates (35ug/lane). PPM1H (arrow) was detected using the purified Pab.



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.



PPM1H Antibody (Center)(Cat. #AP9093c) 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.

Citations

- Analysis of Smad Phosphatase Activity In Vitro.
- Effect of PPM1H on malignant phenotype of human pancreatic cancer cells.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.