

Rabbit anti-Human, Rat PPM1D Polyclonal Antibody | anti-PPM1D antibody

PPM1D Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA26955	Rabbit	Human, Rat	ELISA, Western Blot, Immunohistochemistry

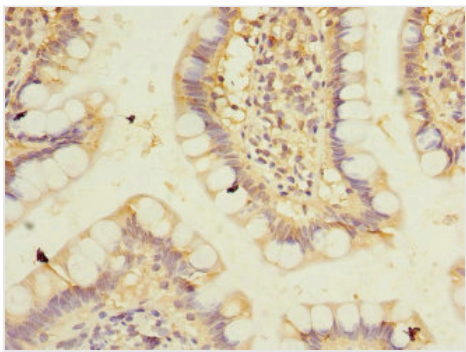
PRODUCT SYNONYMS

PPM1D; Polyclonal Antibody; PPM1D Antibody; Protein phosphatase 1D (EC 3.1.3.16) Protein phosphatase 2C isoform delta; PP2C-delta; Protein phosphatase magnesium-dependent 1 delta; p53-induced protein phosphatase 1; WIP1; anti-PPM1D antibody

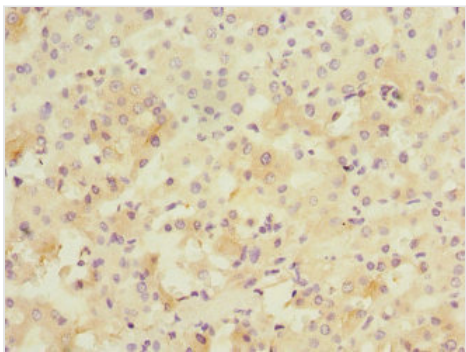
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid
Sequence Length	605
Applicable Applications for anti-PPM1D antibody	ELISA, WB (Western Blot), IHC (Immunohistochemistry)
Application Notes	Recommended dilution: WB: 1:1000-1:5000 IHC: 1:20-1:200
Immunogen	Recombinant Human Protein phosphatase 1D protein (1-250AA)
Conjugate	Non-conjugated
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-69130 / sc-69131 / sc-20712
Species	Homo sapiens (Human)
Research Area	Signal Transduction
Target Names	PPM1D
Preparation and Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze

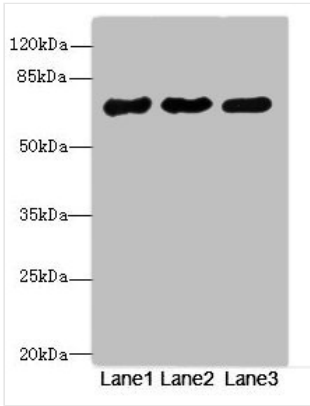
IMAGES



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human small intestine using AAA26955 at dilution 1:100



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human liver cancer using AAA26955 at dilution 1:100



WB (Western Blot)
Western blotAll lanes: PPM1Dantibody at 2.66ug/mlLane 1 : Rat gonadal tissueLane 2 : U87 whole cell lysateLane 3 : 293T whole cell lysateSecondaryGoat polyclonal to Rabbit IgG at 1/10000 dilutionPredicted band size: 67,48 kDaObserved band size: 67 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-PPM1D antibody	Required for the relief of p53-dependent checkpoint mediated cell cycle arrest. Binds to and dephosphorylates 'Ser-15' of TP53 and 'Ser-345' of CHEK1 which contributes to the functional inactivation of these proteins. Mediates MAPK14 dephosphorylation and inactivation (PubMed:21283629).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4505997
NCBI GeneID	8493
NCBI Accession #	NP_003611.1
NCBI GenBank Nucleotide #	NM_003620.3
UniProt Accession #	O15297; Q53XP4; Q6P991; Q8IVR6
NCBI Official Full Name	protein phosphatase 1D
NCBI Official Synonym Full Names	protein phosphatase, Mg2+/Mn2+ dependent 1D
NCBI Official Symbol	PPM1D
NCBI Official Synonym Symbols	WIP1; PP2C-DELTA
NCBI Protein Information	protein phosphatase 1D

UniProt Protein Name	Protein phosphatase 1D
UniProt Gene Name	PPM1D
UniProt Synonym Gene Names	WIP1; PP2C-delta
UniProt Entry Name	PPM1D_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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/ppm1d-antibody-western-blot-immunohistochemistry-elisa/26955>