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

PPM1D Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA176128	**Rabbit**	**Human, Mouse**	**ELISA, Immunohistochemistry**

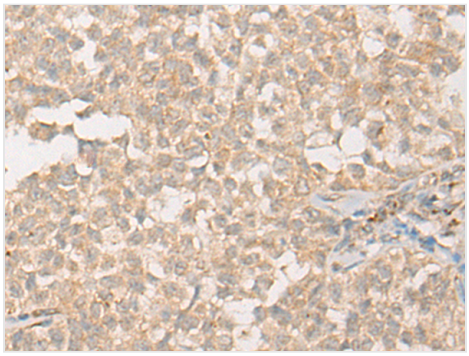
PRODUCT SYNONYMS

PPM1D; Polyclonal Antibody; PPM1D Polyclonal Antibody; EC 3.1.3.16; P53 induced protein phosphatase 1; P53-induced protein phosphatase 1; PP2C delta; PP2C-delta; PP2CD; Ppm1d; Protein phosphatase 1D; Protein phosphatase 1D magnesium-dependent delta isoform; Protein phosphatase 2C delta isoform; Protein phosphatase 2C isoform delta; Protein phosphatase magnesium dependent 1 delta; Protein phosphatase magnesium-dependent 1 delta; Protein phosphatase Mg2+/Mn2+ dependent 1D; Protein phosphatase Wip1; Wild type p53 induced phosphatase 1; WIP 1; WIP1; anti-PPM1D antibody

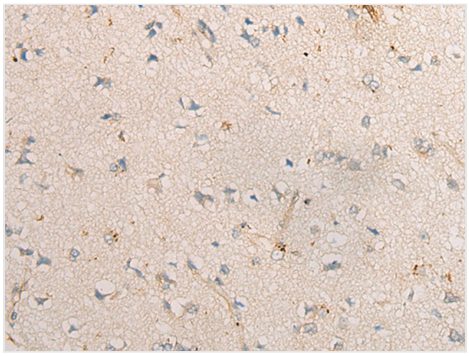
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Form/Format	PBS with 0.05% NaN3 and 40% Glycerol, pH7.4
Concentration	0.5mg/mL (varies by lot)
Sequence Length	605
Applicable Applications for anti-PPM1D antibody	ELISA, IHC (Immunohistochemistry)
Immunogen	Fusion protein of human PPM1D
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
Immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using PPM1D Polyclonal Antibody at dilution of 1:60(×200



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded Human brain tissue using PPM1D Polyclonal Antibody at dilution of 1:60(×200

ADDITIONAL INFORMATION

Related Product Information for anti-PPM1D antibody	The protein encoded by this gene is a member of the PP2C family of Ser/Thr protein phosphatases. PP2C family members are known to be negative regulators of cell stress response pathways. The expression of this gene is induced in a p53-dependent manner in response to various environmental stresses. While being induced by tumor suppressor protein TP53/p53, this phosphatase negatively regulates the activity of p38 MAP kinase, MAPK/p38, through which it reduces the phosphorylation of p53, and in turn suppresses p53-mediated transcription and apoptosis. This phosphatase thus mediates a feedback regulation of p38-p53 signaling that contributes to growth inhibition and the suppression of stress induced apoptosis. This gene is located in a chromosomal region known to be amplified in breast cancer. The amplification of this gene has been detected in both breast cancer cell line and primary breast tumors, which suggests a role of this gene in cancer development.
Product Categories/Family for anti-PPM1D antibody	Cancer; Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505997
NCBI GeneID	8493
NCBI Accession #	NP_003611.1; BC033893
NCBI GenBank Nucleotide #	NP_003611.1
UniProt Accession #	O15297
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	JDVS; WIP1; IDDGIP; 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/polyclonal/ppm1d-antibody-immunohistochemistry-elisa/176128