

Rabbit anti-Human, Mouse PPM1G Polyclonal Antibody | anti-PPM1G antibody

Rabbit anti-PPM1G IHC Antibody, Affinity Purified

CATALOG # AAA213840	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunohistochemistry
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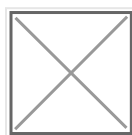
PRODUCT SYNONYMS

PPM1G; Polyclonal Antibody; Rabbit anti-PPM1G IHC Antibody; Affinity Purified; PPP2CG; protein phosphatase magnesium-dependent 1 gamma; protein phosphatase 2C isoform gamma; protein phosphatase 2C gamma isoform; protein phosphatase 2; catalytic subunit; gamma isoform; protein phosphatase 1G (formerly 2C); magnesium-dependent; protein phosphatase 1C; PP2C-gamma; PP2CGAMMA; PP2CG; protein phosphatase 1G; Protein phosphatase 1G; protein phosphatase; Mg²⁺/Mn²⁺ dependent 1G; anti-PPM1G antibody

PRODUCT SPECIFICATIONS

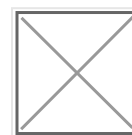
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Concentration	100ug/ml (varies by lot)
Applicable Applications for anti-PPM1G antibody	IHC (Immunohistochemistry)
Predicted Reactivity	X. laevis, X. tropicalis, Chicken, Turkey, Bovine, Dog, Horse, Rabbit, Pig, Panda, Orangutan, Monkey, Gorilla, Chimpanzee, Crab-eating macaque, White-tufted-ear marmoset, Duckbill platypus, Tasmanian devil, Gray short-tailed opossum, Small-eared galago, Naked mole rat, African elephant, Little brown bat, Northern white-cheeked gibbon, Thirteen-lined ground squirrel, Chinese hamster, Ferret, White-throated sparrow, Zebra finch
Immunogen	Between 400 and 450
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



IHC (Immunohistochemistry)

Detection of mouse PPM1G by immunohistochemistry. Sample: FFPE section of mouse squamous cell carcinoma. Antibody: Affinity purified rabbit anti-PPM1G (Cat. No. AAA213840) used at a dilution of 1:100. Detection: DAB



IHC (Immunohistochemistry)

Detection of human PPM1G by immunohistochemistry. Sample: FFPE section of human breast adenocarcinoma. Antibody: Affinity purified rabbit anti-PPM1G (Cat. No. AAA213840) used at a dilution of 1:500. Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-PPM1G antibody	Members of the protein phosphatase 2C (PP2C) family of isoenzymes are serine/threonine protein phosphatases that act as monomers, are magnesium or manganese dependent, and are structurally distinct from PP1, PP2A, and PP2B protein phosphatases. There are 14 mammalian PP2C genes that encode for members of the PP2C family of isoenzymes. Members of this family include PP2C alpha (PPM1A), PP2C beta (PPM1B), PP2C gamma (PPM1G), and PP2C delta (PPM1D). Because PPM1G has been shown to bind and dephosphorylate histones H2A and H2B, it appears to play a role in chromatin remodeling in response to DNA damage.
Product Categories/Family for anti-PPM1G antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	29826282
NCBI GeneID	5496
NCBI Accession #	NP_817092.1
NCBI GenBank Nucleotide #	NM_177983.2
UniProt Accession #	O15355
Molecular Weight	59,272 Da
NCBI Official Full Name	protein phosphatase 1G
NCBI Official Synonym Full Names	protein phosphatase, Mg2+/Mn2+ dependent, 1G
NCBI Official Symbol	PPM1G
NCBI Official Synonym Symbols	PP2CG; PPP2CG; PP2CGAMMA
NCBI Protein Information	protein phosphatase 1G; PP2C, gamma; PP2C-gamma; protein phosphatase 1C; protein phosphatase 1G (formerly 2C), magnesium-dependent, gamma isoform; protein phosphatase 2, catalytic subunit, gamma isoform; protein phosphatase 2C gamma isoform; protein phosph
UniProt Protein Name	Protein phosphatase 1G
UniProt Gene Name	PPM1G
UniProt Synonym Gene Names	PPM1C; PP2C-gamma
UniProt Entry Name	PPM1G_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://stage.aaabiotech.com/polyclonal/ppm1g-antibody-immunohistochemistry-elisa/213840>