

Rabbit anti-Human, Mouse PPM1F Polyclonal Antibody | anti-PPM1F antibody

PPM1F Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA234100	Rabbit	Human, Mouse	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

PPM1F; Polyclonal Antibody; PPM1F Antibody; Protein phosphatase 1F; Ca(2+)/calmodulin-dependent protein kinase phosphatase; CaM-kinase phosphatase; CaMKPase; Partner of PIX 2; Protein fem-2 homolog; hFem-2; KIAA0015; POPX2; anti-PPM1F antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	454
Applicable Applications for anti-PPM1F antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human Protein phosphatase 1F protein (1-76AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of HepG2 cells with AAA234100 at 1:133, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).



IHC (Immunohistochemistry)

IHC image of AAA234100 diluted at 1:100 and staining in paraffin-embedded human pancreatic cancer performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



IHC (Immunohistochemistry)

IHC image of AAA234100 diluted at 1:100 and staining in paraffin-embedded human melanoma cancer performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



WB (Western Blot)

Western BlotPositive WB detected in: Mouse liver tissueAll lanes: PPM1F antibody at 3ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 50, 39 KDaObserved band size: 50 KDa

ADDITIONAL INFORMATION

Related Product Information for anti-PPM1F antibody	Dephosphorylates and concomitantly deactivates CaM-kinase II activated upon autophosphorylation, and CaM-kinases IV and I activated upon phosphorylation by CaM-kinase kinase. Promotes apoptosis.
Product Categories/Family for anti-PPM1F antibody	Cell Biology; Signal transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	7661862
NCBI GeneID	9647
NCBI Accession #	NP_055449.1
NCBI GenBank Nucleotide #	NM_014634.3
UniProt Accession #	P49593; Q96PM2; A8K6G3; B7Z2C3
Molecular Weight	38,518 Da
NCBI Official Full Name	protein phosphatase 1F
NCBI Official Synonym Full Names	protein phosphatase, Mg ²⁺ /Mn ²⁺ dependent 1F
NCBI Official Symbol	PPM1F
NCBI Official Synonym Symbols	CAMKP; FEM-2; POPX2; hFEM-2; CaMKPase
NCBI Protein Information	protein phosphatase 1F
UniProt Protein Name	Protein phosphatase 1F
UniProt Gene Name	PPM1F
UniProt Synonym Gene Names	KIAA0015; POPX2; CaM-kinase phosphatase; CaMKPase; hFem-2

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/ppm1f-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/234100>