

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

PPM1F Antibody

CATALOG # AAA306793	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

PPM1F; Polyclonal Antibody; PPM1F Antibody; CAMKP; FEM-2; POPX2; hFEM-2; CaMKPase; anti-PPM1F antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total PPM1F protein.
Purity/Purification	Antigen affinity purification.
Form/Format	Rabbit IgG in pH7.3 PBS, 0.05% NaN ₃ , 50% Glycerol.
Concentration	2.7 mg/ml (varies by lot)
Sequence Length	454
Applicable Applications for anti-PPM1F antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to residues near the C terminal of human protein phosphatase, Mg ²⁺ /Mn ²⁺ dependent, 1F
Target Name	PPM1F
Preparation and Storage	Store at -20 degree C

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human thyroid cancer tissue using at dilution 1/40.



Application Data

Gel: 8%SDS-PAGE Lysates (from left to right): K562 cell and human fetal liver tissue Amount of lysate: 40ug per lane Primary antibody: 1/200 dilution Secondary antibody dilution: 1/8000 Exposure time: 10 seconds

ADDITIONAL INFORMATION

Related Product Information for anti-PPM1F 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. This phosphatase can interact with Rho guanine nucleotide exchange factors (PIX), and thus block the effects of p21-activated kinase 1 (PAK), a protein kinase mediating biological effects downstream of Rho GTPases. Calcium/calmodulin-dependent protein kinase II gamma (CAMK2G/CAMK-II) is found to be one of the substrates of this phosphatase.

Product Categories/Family for anti-PPM1F antibody	Total protein Ab
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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, Mg2+/Mn2+ 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
UniProt Entry Name	PPM1F_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.