PPM1F Conjugated Antibody

Catalog No: #C37843

Package Size: #C37843-AF350 100ul #C37843-AF405 100ul #C37843-AF488 100ul #C37843-AF555 100ul #C37843-AF594 100ul #C37843-AF647 100ul #C37843-AF680 100ul #C37843-AF750 100ul #C37843-Biotin 100ul

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Description

Product Name	PPM1F Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total PPM1F protein.
Immunogen Description	Synthetic peptide corresponding to residues near the C terminal of human protein phosphatase, Mg2+/Mn2+ dependent, 1F
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	CAMKP; FEM-2; POPX2; hFEM-2; CaMKPase
Accession No.	Swiss-Prot#:P49593NCBI Gene ID:9647NCBI mRNA#:NCBI Protein#:NP_002701/P36873
Uniprot	P49593
GeneID	9647;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	50
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°Cin dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Background

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.?

Note: This product is for in vitro research use only