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Anti-PPM1E Rabbit Monoclonal Antibody

Catalog # ABO16190

Product Information

Application	WB, FC
Primary Accession	Q8WY54
Host	Rabbit
Isotype	IgG
Reactivity	Human
Clonality	Monoclonal
Format	Liquid
Description	Anti-PPM1E Rabbit Monoclonal Antibody . Tested in WB, Flow Cytometry applications. This antibody reacts with Human.

Additional Information

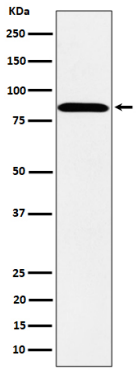
Gene ID	22843
Other Names	Protein phosphatase 1E, 3.1.3.16, Ca(2+)/calmodulin-dependent protein kinase phosphatase N, CaMKP-N, CaMKP-nucleus, CaMKN, Partner of PIX 1, Partner of PIX-alpha, Partner of PIXA, PPM1E, CAMKN, KIAA1072, POPX1
Calculated MW	83952
Application Details	WB 1:500-1:2000 FC 1:50
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: 27P69
Immunogen	A synthesized peptide derived from human PPM1E
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Protein Information

Name	PPM1E
Synonyms	CAMKN, KIAA1072, POPX1
Function	Protein phosphatase that inactivates multifunctional CaM kinases such as

	CAMK4 and CAMK2 (By similarity). Dephosphorylates and inactivates PAK. May play a role in the inhibition of actin fiber stress breakdown and in morphological changes driven by TNK2/CDC42. Dephosphorylates PRKAA2 (By similarity).
Cellular Location	Nucleus. Cytoplasm. Note=A truncated form, major form, with the C-terminal part missing, is mostly found in the cytoplasm and a little in the nucleus. The full-length, minor form, is found in the nucleus.

Images



Western blot analysis of PPM1E expression in SH-SY5Y cell lysate.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.