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PPM1E Antibody

Rabbit mAb
Catalog # AP92773

Product Information

Application	WB, FC
Primary Accession	Q8WY54
Reactivity	Human
Clonality	Monoclonal
Other Names	CaMKN; POPX1; PP2CH; Ppm1e;
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	83952

Additional Information

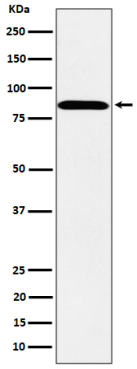
Dilution	WB 1:500~1:2000 FC 1:50
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human PPM1E
Description	Protein phosphatase that inactivates multifunctional CaM kinases such as CAMK4 and CAMK2 (By similarity). Dephosphorylates and inactivates PAK.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

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'.