

Recombinant Anti-PPM1E Rabbit mAb

Catalog # AP95375

Product Information

Application	WB, FC
Primary Accession	Q8WY54
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal
Calculated MW	83952

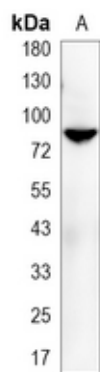
Additional Information

Gene ID	22843
Other Names	CAMKN; KIAA1072; POPX1; Protein phosphatase 1E; Ca(2+)/calmodulin-dependent protein kinase phosphatase N; CaMKP-N; CaMKP-nucleus; CaMKN; Partner of PIX 1; Partner of PIX-alpha; Partner of PIXA
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within human PPM1E protein. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000) FC~~1:10~50
Format	Liquid in PBS, pH 7.3, 50% glycerol, 0.05% BSA, and 0.05% Proclin300.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

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 SHSY5Y (A) whole cell lysates. (Predicted band size: 84 kD; Observed band size: 84 kD)

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