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PPM1G Rabbit mAb

Catalog # AP75938

Product Information

Application	WB, FC
Primary Accession	O15355
Reactivity	Rat, Human, Mouse
Host	Rabbit
Clonality	Monoclonal Antibody
Isotype	IgG
Conjugate	Unconjugated
Purification	Affinity Purified
Calculated MW	59272

Additional Information

Gene ID	5496
Other Names	PPM1G
Dilution	WB~~1:1000-1:5000 FC~~1:100-1:200
Format	Liquid in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

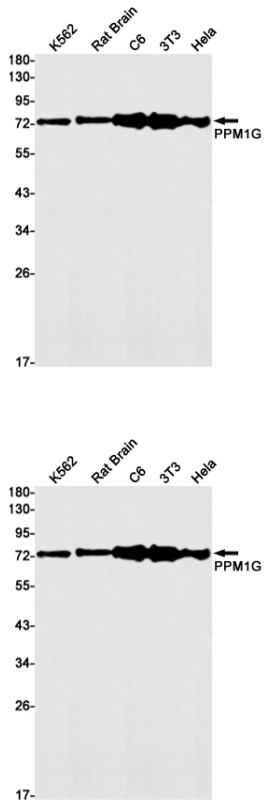
Protein Information

Name	PPM1G
Synonyms	PPM1C
Cellular Location	Cytoplasm. Membrane; Lipid-anchor
Tissue Location	Widely expressed. Most abundant in testis, skeletal muscle, and heart

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 is found to be responsible for the dephosphorylation of Pre-mRNA splicing factors, which is important for the formation of functional spliceosome. Studies of a similar gene in mice suggested a role of this phosphatase in regulating cell cycle progression.

Images



Western blot analysis of PPM1G in K562, rat Brain, C6, 3T3, Hela lysates using PPM1G antibody.

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