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Pyrophosphatase 1 Antibody

Rabbit mAb
Catalog # AP92958

Product Information

Application	WB, IP
Primary Accession	Q15181
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Other Names	inorganic pyrophosphatase 1; IOPPP; PP1; PPA1; PPase;Pyp;
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	32660

Additional Information

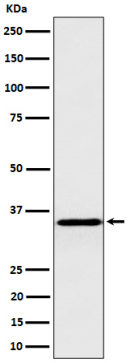
Dilution	WB 1:500~1:2000 IP 1:50
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human Pyrophosphatase 1
Description	Belongs to the PPase family.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Protein Information

Name	PPA1
Synonyms	IOPPP, PP
Function	Catalyzes the hydrolysis of inorganic diphosphate into two phosphate molecules (PubMed:33036755, PubMed:38428647). Has MAP kinase serine/threonine phosphatase activity toward c-Jun N-terminal kinase (JNK) and, in neuronal cells, is involved in the negative regulation of neurite growth via JNK dephosphorylation (By similarity).
Cellular Location	Cytoplasm.
Tissue Location	Expressed ubiquitously.

Images

Western blot analysis of Pyrophosphatase 1 expression in HepG2 cell lysate.



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