

Anti-Pyrophosphatase 1 Rabbit Monoclonal Antibody

Catalog # ABO16418

Product Information

Application	WB, IP
Primary Accession	Q15181
Host	Rabbit
Isotype	IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid
Description	Anti-Pyrophosphatase 1 Rabbit Monoclonal Antibody . Tested in WB, IP applications. This antibody reacts with Human, Mouse, Rat.

Additional Information

Gene ID	5464
Other Names	Inorganic pyrophosphatase, 3.6.1.1, Pyrophosphate phospho-hydrolase, PPase, PPA1, IOPPP, PP
Calculated MW	32660
Application Details	WB 1:500-1:2000 IP 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: 29P54
Immunogen	A synthesized peptide derived from human Pyrophosphatase 1
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	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).

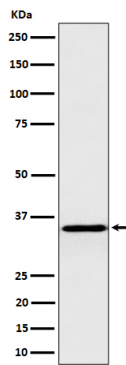
Cellular Location

Cytoplasm.

Tissue Location

Expressed ubiquitously.

Images



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

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