

KD-Validated Anti-Inorganic Pyrophosphatase 1 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

Catalog # AGI1676

Product Information

Application	WB, FC
Primary Accession	Q15181
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Names	24GB1365
Calculated MW	32660
Gene Name	PPA1
Aliases	PPA1; Inorganic Pyrophosphatase 1; Pyrophosphate Phospho-Hydrolase; SID6-8061; Ppase; PP1; PP; Cytosolic Inorganic Pyrophosphatase; Pyrophosphatase (Inorganic)1; Inorganic Diphosphatase 1; Inorganic Pyrophosphatase; EC 3.6.1.1; Epididymis Secretory Sperm Binding Protein Li 66p; Diphosphate Phosphohydrolase; Pyrophosphatase (Inorganic); Pyrophosphatase 1; HEL-S-66p; PPase
Immunogen	A synthesized peptide derived from human Pyrophosphatase 1

Additional Information

Gene ID	5464
Other Names	Inorganic pyrophosphatase, 3.6.1.1, Pyrophosphate phospho-hydrolase, PPase, PPA1, IOPPP, PP

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.

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