

## PPA1

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**Reactivity:**Human Mouse Rat

**Tested applications:**WB IHC

**Recommended Dilution:**WB 1:500 - 1:2000 IHC 1:50 - 1:200

**Calculated MW:**33kDa

**Observed MW:**Refer to Figures

**Immunogen:**

Recombinant protein of human PPA1

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

IOPPP; MGC111556; PP; PP1; SID6-8061;

**Catalog #:**A2108

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**5464

**Isotype:**IgG

**Swiss Prot:**Q15181

**Purity:**Affinity purification

For research use only.

**Background:**

PPA1(Inorganic pyrophosphatase) is also named as IOPPP, PP and PPase. It maintains the thermodynamic favorability of these reactions by catalyzing the hydrolysis of pyrophosphates into organic phosphates, which are then exported across the cell membrane(PMID:16300924).The erythrocyte inorganic pyrophosphatase molecule would appear to be a dimer(PMID:4130389).This antibody is specific to PPA1.

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