



Anti-PPA1 (aa 10-111) polyclonal antibody (DPAB-DC2348)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	The protein encoded by this gene is a member of the inorganic pyrophosphatase (PPase) family. PPases catalyze the hydrolysis of pyrophosphate to inorganic phosphate, which is important for the phosphate metabolism of cells. Studies of a similar protein in bovine suggested a cytoplasmic localization of this enzyme.
Immunogen	PP (NP_066952, 10 a.a. ~ 111 a.a) partial recombinant protein with GST tag. The sequence is AAPFSLEYRVFLKNEKGQQYISPFHDIPYADKDVFHMVVEVPRWSNAKMEIATKDPLNPI KQDVKKGKLRYVANLFPYKGYIWNYGAIPQTWEDPGHNDKHT
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	PPA1 pyrophosphatase (inorganic) 1 [Homo sapiens (human)]
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Official Symbol	PPA1
Synonyms	PPA1; pyrophosphatase (inorganic) 1; PP; PP1; IOPPP; HEL-S-66p; SID6-8061; inorganic pyrophosphatase; PPase; pyrophosphatase 1; inorganic diphosphatase; inorganic pyrophosphatase 1; diphosphate phosphohydrolase; pyrophosphate phospho-hydrolase; cytosolic inorganic pyrophosphatase; epididymis secretory sperm binding protein Li 66p;
Entrez Gene ID	5464
Protein Refseq	NP_066952
UniProt ID	Q15181
Chromosome Location	10q11.1-q24
Pathway	Cytosolic tRNA aminoacylation; Hypothetical Network for Drug Addiction; Oxidative phosphorylation;
Function	inorganic diphosphatase activity; magnesium ion binding;
