

Inorganic Pyrophosphatase (PPA1) Antibody

Catalogue No.:abx001720



Western blot analysis of various lysates using PPA1 Antibody at 1/1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1/10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST.

PPA1 Antibody is a Rabbit Polyclonal antibody against PPA1. 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.

Target:	Inorganic Pyrophosphatase (PPA1)
Clonality:	Polyclonal
Reactivity:	Human, Mouse, Rat
Tested Applications:	ELISA, WB
Host:	Rabbit
Recommended dilutions:	ELISA: 1 µg/ml, WB: 1/500 - 1/2000. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-289 of human PPA1.
Isotype:	lgG
Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	Q15181 (<u>UniProt</u> , <u>ExPASy</u>)
Gene Symbol:	PPA1

Abbexa LTD, Cambridge, UK · Phone: +44 (0) 1223 755950 · Fax: +44 (0) 1223 755951 Abbexa LLC, Houston, TX USA · Phone: +1 832 327 7413 Abbexa BV, Leiden, NL Website: www.abbexa.com · Email: info@abbexa.com

Datasheet Version: 3.0.0 Revision date: 05 Jun 2025



GenelD:	5464
NCBI Accession:	NP_066952.1
KEGG:	hsa:5464
String:	9606.ENSP00000362329
Molecular Weight:	Calculated MW: 33 kDa Observed MW: 35 kDa
Buffer:	PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.
Concentration:	> 0.2 mg/ml
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.