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Datasheet for ABIN2783350

anti-Pyrophosphatase (Inorganic) 1 (PPA1) (N-Term) antibody

1 Image

Overview

Quantity:	100 µL
Target:	Pyrophosphatase (Inorganic) 1 (PPA1)
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Mouse, Saccharomyces cerevisiae, Dog, Zebrafish (Danio rerio), Rabbit, Horse, Guinea Pig, Goat, Cow
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	Un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human PPA1
Sequence:	PRWSNAKMEI ATKDPLNPIK QDVKKGKRLRY VANLFPYKGY IWNYGAIPQT
Predicted Reactivity:	Cow: 100%, Dog: 100%, Goat: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Yeast: 80%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against PPA1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Protein A purified

Target Details

Target:	Pyrophosphatase (Inorganic) 1 (PPA1)
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Target Details

Alternative Name: PPA1 ([PPA1 Products](#))

Target Type: Viral Protein

Background: PPA1 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. 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. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.

Alias Symbols: IOPPP, MGC111556, PP, PP1, SID6-8061

Protein Interaction Partner: SUMO2, FBXO6, NPM1, UBC, FN1, HSPD1, CLNS1A, CFL2, MTRNR2L1, SUMO4, Mapk13, HDAC6, HDAC3, HDAC1, AKT1, RB1, HSPB1, WIPI1, SETDB1, UNC119, TP53,

Protein Size: 289

Molecular Weight: 33 kDa

Gene ID: 5464

NCBI Accession: [NM_021129](#), [NP_066952](#)

UniProt: [Q15181](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 289 AA

Restrictions: For Research Use only

Handling

Format: Liquid

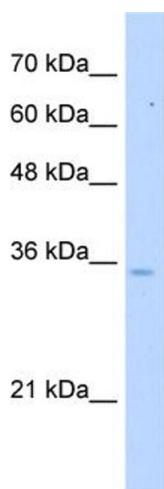
Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

Handling

Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Rabbit Anti-PPA1 Antibody
Catalog Number: ARP48396
Lot Number: QC18782
Lane: HepG2 Cell Lysate

Antibody Titration: 5.0 µg/ml
Gel Concentration: 12%

Western Blotting

Image 1. WB Suggested Anti-PPA1 Antibody Titration: 5.0 ug/ml Positive Control: HepG2 Whole Cell