

PPPDE1 / PNAS4 Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF3320a**Specification**

PPPDE1 / PNAS4 Antibody (internal region) - Product Information

Application	WB, E
Primary Accession	Q9BSY9
Other Accession	NP_057160.2 , 51029 , 78825 (mouse) , 289277 (rat)
Reactivity	Human
Predicted	Mouse, Rat, Pig, Dog
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	21444

PPPDE1 / PNAS4 Antibody (internal region) - Additional Information**Gene ID** 51029**Other Names**

Desumoylating isopeptidase 2, DeSI-2, 3.4.-., PPPDE peptidase domain-containing protein 1, Protein FAM152A, DESI2, C1orf121, FAM152A, PPPDE1

Dilution

WB~~1:1000

E~~N/A

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

PPPDE1 / PNAS4 Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

PPPDE1 / PNAS4 Antibody (internal region) - Protein Information**Name** DESI2**Function**

Has deubiquitinating activity towards 'Lys-48'- and 'Lys-63'- linked polyubiquitin chains.

Deubiquitinates 'Lys-48'-linked polyubiquitination of RPS7 leading to its stabilization (PubMed:28483520). Exhibits palmitoyl protein thioesterase (S- depalmitoylation) activity towards synthetic substrates 4-methylumbelliferyl-6-S-palmitoyl-beta-D-glucopyranoside and S- depalmitoylation probe 5 (DPP-5) (PubMed:35427157).

Cellular Location

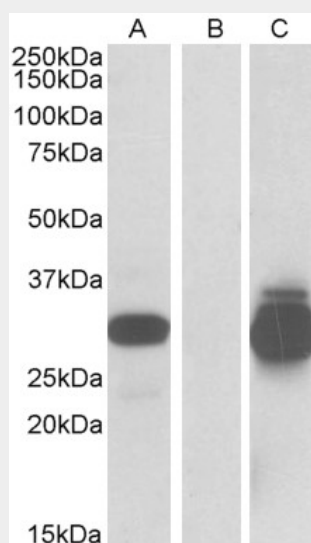
Cytoplasm {ECO:0000250|UniProtKB:Q9D291}.

PPPDE1 / PNAS4 Antibody (internal region) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

PPPDE1 / PNAS4 Antibody (internal region) - Images



HEK293 lysate (10ug protein in RIPA buffer) overexpressing Human PPPDE1 with C-terminal MYC tag probed with AF3320a (0.5ug/ml) in Lane A and probed with anti-MYC Tag (1/5000) in lane C. Mock-transfected HEK293 probed with AF3320a (1mg/ml) in Lane B. Primary incubations were for 1 hour. Detected by chemiluminescence

PPPDE1 / PNAS4 Antibody (internal region) - References

A novel pro-apoptosis gene PNAS4 that induces apoptosis in A549 human lung adenocarcinoma cells and inhibits tumor growth in mice. Yan F, Gou L, Yang J, Chen L, Tong A, Tang M, Yuan Z, Yao S, Zhang P, Wei Y, Biochimie 2009 Apr 91 (4): 502-7. PMID: 19133312