10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

PPPDE1/FAM152A Rabbit pAb

PPPDE1/FAM152A Rabbit pAb
Catalog # AP57738

Product Information

Application	WB
Primary Accession	Q9BSY9
Reactivity	Mouse
Predicted	Rat, Pig, Dog, Human, Rabbit, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	21444
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human PPPDE1/FAM152A
Epitope Specificity	21-100/194
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Cytoplasm
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Additional Information

Gene ID	51029
Other Names	Deubiquitinase DESI2, 3.4.19.12, Desumoylating isopeptidase 2, DeSI-2, PPPDE peptidase domain-containing protein 1, Palmitoyl protein thioesterase DESI2, 3.1.2.22, Protein FAM152A, S-depalmitoylase DESI2, DESI2
Dilution	WB=1:500-2000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

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-

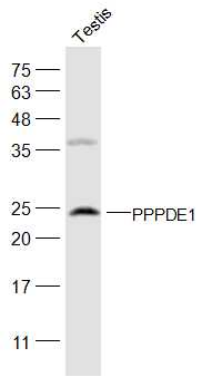
depalmitoylation probe 5 (DPP-5) (PubMed:35427157).

Cellular Location Cytoplasm {ECO:0000250|UniProtKB:Q9D291}.

Background

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Images



Sample:
Testis (Mouse) Lysate at 40 ug
Primary: Anti-PPPDE1 (AP57738) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 23 kD
Observed band size: 23 kD

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.