

# PPPDE1/FAM152A Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP57738

## Product Information

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<b>Application</b>	WB, IHC-P, IHC-F, IF, ICC
<b>Primary Accession</b>	<a href="#">Q9BSY9</a>
<b>Reactivity</b>	Rat, Pig, Dog, Bovine
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	21444
<b>Physical State</b>	Liquid
<b>Immunogen</b>	KLH conjugated synthetic peptide derived from human PPPDE1/FAM152A
<b>Epitope Specificity</b>	21-100/194
<b>Isotype</b>	IgG
<b>Purity</b>	affinity purified by Protein A
<b>Buffer</b>	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
<b>SUBCELLULAR LOCATION</b>	Cytoplasm
<b>SIMILARITY</b>	Belongs to the UPF0326 family. Contains 1 PPPDE peptidase domain.
<b>SUBUNIT</b>	
<b>Important Note</b>	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

## Additional Information

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<b>Gene ID</b>	51029
<b>Other Names</b>	Deubiquitinase DESI2, 3.4.19.12, Desumoylating isopeptidase 2, DeSI-2, PPPDE peptidase domain-containing protein 1, Protein FAM152A, DESI2
<b>Dilution</b>	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-500
<b>Format</b>	0.01M TBS(pH7.4) with 1% BSA, 0.09% (W/V) sodium azide and 50% Glyce
<b>Storage</b>	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

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<b>Name</b>	DESI2
<b>Function</b>	Has deubiquitinating activity towards 'Lys-48'- and 'Lys-63'- linked polyubiquitin chains. Deubiquitinates 'Lys-48'-linked polyubiquitination of

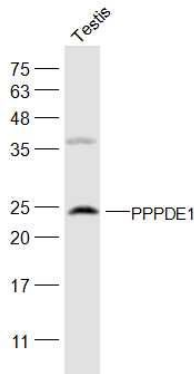
RPS7 leading to its stabilization (PubMed:[28483520](#)). Exhibits palmitoyl protein thioesterase (S- depalmitoylation) activity towards synthetic substrates 4- methylumbelliferyl-6-S-palmitoyl-beta-D-glucopyranoside and S-depalmitoylation probe 5 (DPP-5) (PubMed:[35427157](#)).

## Cellular Location

Cytoplasm {ECO:0000250|UniProtKB:Q9D291}.

## Images

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### 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'.