For Research Use Only

PPPDE2 Polyclonal antibody, PBS Only

Catalog Number:32194-1-PBS

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Basic Information

Catalog Number:
32194-1-PBS

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG37655

GenBank Accession Number:
BC112179

GeneID (NCBI):
27351

UNIPROT ID:
Q6ICB0

Full Name:
PPPDE peptidase domain containing 2

Calculated MW:
168 aa, 18 kDa

Observed MW:
17 kDa

Purification Method:
Antigen affinity Purification

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human

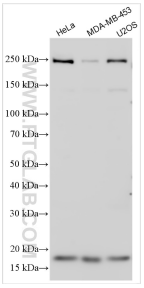
Background Information

PPPDE2 belongs to N1pC/P60 superfamily of papain-like enzymes, which comprise an extremely diverse group of proteins originating from archaea, bacteria, bacteriophages, viruses, and eukaryotes with predicted protease, amidase, transglutaminases, or acyltransferase activity but often uncharacterized function (PMID: 12620121). PPPDE2 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) (PMID:35427157).

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C
Storage Buffer:
PBS only, pH7.3

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 32194-1-AP (PPPDE2 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 32194-1-PBS in a different storage buffer formulation.