

For Research Use Only

OTUB2 Polyclonal antibody

Catalog Number: 12066-1-AP



Basic Information

Catalog Number:

12066-1-AP

Size:

550 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2703

GenBank Accession Number:

BC009615

GeneID (NCBI):

78990

UNIPROT ID:

Q96DC9

Full Name:

OTU domain, ubiquitin aldehyde binding 2

Calculated MW:

234 aa, 27 kDa

Observed MW:

27 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

mouse, rat

Positive Controls:

WB : mouse testis tissue, rat testis tissue

Background Information

OTUB2, also known as C14orf137, belongs to the OTU family. OTUB2 is a functional cysteine protease with deubiquitinase activity. OTUB2 mediates the deubiquitination of substrate proteins, and the targets of substrate proteins can be diversified. Therefore, OTUB2 has a wide range of biological roles, including protecting against virus-induced activation of interferon regulatory factor 3 (IRF3) and NF-κB, promoting beta cell survival in human pancreatic islets, and supporting the DNA repair pathway (PMID: 30662561, 35309903). OTUB2 is widely expressed, with high expression levels in the brain. OTUB2 has 2 isoforms with molecular weights of 9 and 27 kDa.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

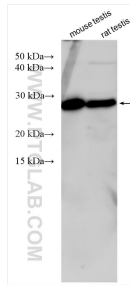
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 12066-1-AP (OTUB2 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.