

For Research Use Only

OTUB2 Polyclonal antibody

Catalog Number: 12066-1-AP



Basic Information

Catalog Number: 12066-1-AP	GenBank Accession Number: BC009615	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 550 µg/ml by Nanodrop;	GeneID (NCBI): 78990	Recommended Dilutions: WB 1:500-1:2000
Source: Rabbit	Full Name: OTU domain, ubiquitin aldehyde binding 2	
Isotype: IgG	Calculated MW: 234 aa, 27 kDa	
Immunogen Catalog Number: AG2703	Observed MW: 27 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : mouse testis tissue, rat testis tissue
Species Specificity: mouse, rat	

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

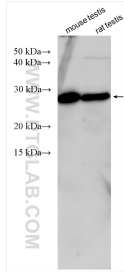
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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.