

For Research Use Only

YOD1 Recombinant antibody

Catalog Number: 84933-5-RR



Basic Information

Catalog Number:

84933-5-RR

Concentration:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG21844

GenBank Accession Number:

BC137167

GeneID (NCBI):

55432

UNIPROT ID:

Q5VVQ6

Full Name:

YOD1 OTU deubiquinating enzyme 1
homolog (S. cerevisiae)

Calculated MW:

348 aa, 38 kDa

Observed MW:

38 kDa

Purification Method:

Protein A purification

CloneNo.:

242498G6

Recommended Dilutions:

WB 1:2000-1:10000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : K-562 cells, Jurkat cells, HEK-293 cells, HeLa cells

Background Information

YOD1, also known as YOD1 deubiquitinase, belongs to the ovarian tumor (OTU) domain-containing family of deubiquitinating enzymes (DUBs), which play a crucial role in regulating cellular processes by removing ubiquitin molecules from target proteins. YOD1 is particularly involved in the endoplasmic reticulum-associated degradation (ERAD) pathway, where it assists in the clearance of misfolded proteins from the endoplasmic reticulum (ER) by modulating the ubiquitination status of ERAD components. (PMID: 40132762,19818707)

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:

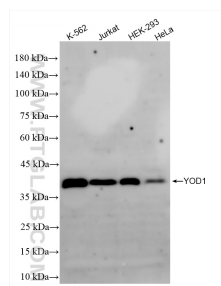
T: 4006900926

E: Proteintech-CN@ptglab.com

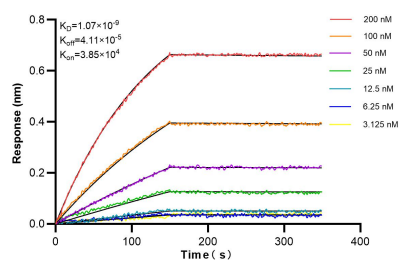
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84933-5-RR (YOD1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 84933-5-RR against Human YOD1 were performed. The affinity constant is 1.07 nM.