

USP48 Recombinant antibody

Catalog Number: 86523-1-RR

Basic Information

Catalog Number:

86523-1-RR

Concentration:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2749

GenBank Accession Number:

BC013567

GeneID (NCBI):

84196

UNIPROT ID:

Q86UV5

Full Name:

ubiquitin specific peptidase 48

Calculated MW:

1035 aa, 119 kDa

Observed MW:

120 kDa

Purification Method:

Protein A purification

CloneNo.:

251394C2

Recommended Dilutions:

WB: 1:2000-1:10000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : HeLa cells, HEK-293 cells

Background Information

USP48 (Ubiquitin Specific Peptidase 48) is a deubiquitinating enzyme and a member of the Ubiquitin Specific Protease (USP) family. This protein specifically recognizes and cleaves ubiquitin chains on substrate proteins, reversing the ubiquitination process, thereby regulating the stability, activity, and subcellular localization of target proteins. USP48 plays a key role in various cellular processes, including DNA damage repair, cell cycle regulation, and gene transcription. Studies have shown that USP48 is closely related to pathological processes such as cancer and neurodegenerative diseases, for example, by stabilizing transcription factors or signaling pathway proteins to influence tumor development.

Storage

Storage:

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

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

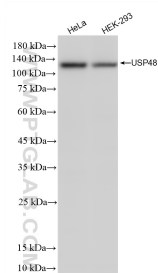
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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 86523-1-RR (USP48 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.