

For Research Use Only

DDI2 Polyclonal antibody

Catalog Number: 25377-1-AP



Basic Information

Catalog Number:

25377-1-AP

Size:

450 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG21953

GenBank Accession Number:

BC006011

GeneID (NCBI):

84301

UNIPROT ID:

Q5TDH0

Full Name:

DDI1, DNA-damage inducible 1, homolog 2 (*S. cerevisiae*)

Calculated MW:

399 aa, 45 kDa

Observed MW:

45-50 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : HEK-293 cells, HUVEC cells

Background Information

DDI2 contains 399 amino acids and contains an N-terminal ubiquitin-like (UBL) domain and a highly conserved retroviral protease-like (RVP) domain. DDI2 is an aspartic endoprotease that cleaves ubiquitylated target proteins to assist in their processing by the ubiquitin-proteasome system (UPS), especially when the UPS is inhibited (PMID: 32521225).

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:

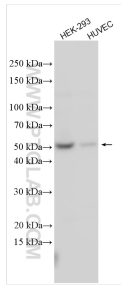
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 25377-1-AP (DDI2 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.