

For Research Use Only

DDI2 Polyclonal antibody

Catalog Number: 25377-1-AP



Basic Information

Catalog Number:

25377-1-AP

Size:

150ul, Concentration: 450 ug/ml by Nanodrop;

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

*** 20ul sizes contain 0.1% BSA

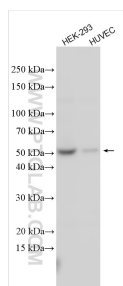
For technical support and original validation data for this product please contact:

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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.