

For Research Use Only

USP35 Polyclonal antibody

Catalog Number: 24559-1-AP

6 Publications



Basic Information

Catalog Number:

24559-1-AP

Size:

150ul, Concentration: 550 ug/ml by Nanodrop and 287 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG20002

GenBank Accession Number:

BC131489

GeneID (NCBI):

57558

UNIPROT ID:

Q9P2H5

Full Name:

ubiquitin specific peptidase 35

Calculated MW:

1018 aa, 113 kDa

Observed MW:

84 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:3000

IHC 1:500-1:2000

Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB, IHC, CoIP

Species Specificity:

human, mouse

Cited Species:

human

Positive Controls:

WB : A549 cells, HeLa cells, RAW 264.7 cells

IHC : human colon cancer tissue, mouse skeletal muscle tissue

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Background Information

USP35 is a member of the peptidase C19 family. USP35 is involved in cell cycle regulation, cell fate, and cancer development. USP35 regulates cell mitosis by deubiquitinating Aurora B and prevents its degradation from APC/CDH. USP35 can also regulate MFN2 abundance and PARK2-mediated mitophagy. USP35 has 2 isoforms with the molecular mass of 84 and 113 kDa (PMID: 34618999).

Notable Publications

Author	Pubmed ID	Journal	Application
Guowen Lin	36357379	Cell Death Discov	WB,IHC,CoIP
Weibin Lian	39714773	Am J Physiol Cell Physiol	WB,CoIP
Shuo Wang	39406943	Commun Biol	WB

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

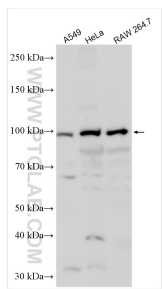
For technical support and original validation data for this product please contact:

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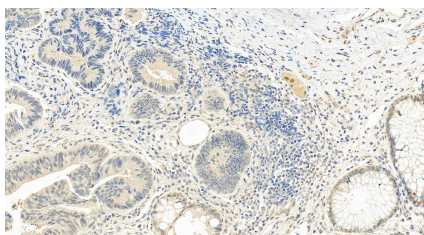
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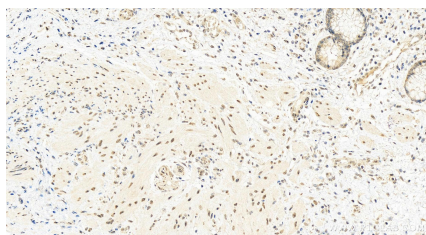
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 24559-1-AP (USP35 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 24559-1-AP (USP35 antibody) at dilution of 1:1000 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 24559-1-AP (USP35 antibody) at dilution of 1:1000 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).