

For Research Use Only

USP35 Polyclonal antibody, PBS Only

Catalog Number: 24559-1-PBS



Basic Information

Catalog Number:

24559-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

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

Applications

Tested Applications:

WB, IHC, Indirect ELISA

Species Specificity:

human, mouse

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).

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only, pH7.3

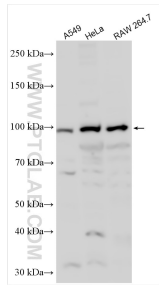
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

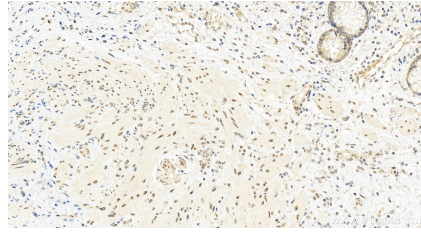
E: proteintech@ptglab.com
W: ptglab.com

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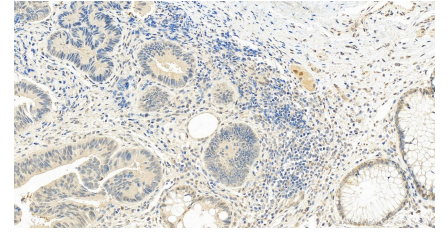
Selected Validation Data



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. This data was developed using the same antibody clone with 24559-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 24559-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 24559-1-PBS in a different storage buffer formulation.