

For Research Use Only

USP35 Polyclonal antibody

Catalog Number: 24559-1-AP **3 Publications**



Basic Information

Catalog Number: 24559-1-AP	GenBank Accession Number: BC131489	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 550 µg/ml by Nanodrop and 287 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 57558	Recommended Dilutions: IHC 1:50-1:500
Source: Rabbit	Full Name: ubiquitin specific peptidase 35	
Isotype: IgG	Calculated MW: 1018 aa, 113 kDa	
Immunogen Catalog Number: AG20002	Observed MW: 84 kDa	

Applications

Tested Applications: IHC, ELISA	Positive Controls: IHC : human colon cancer tissue, mouse skeletal muscle tissue
Cited Applications: CoIP, IHC, WB	
Species Specificity: human, mouse	
Cited Species: human	
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
Yi Xiao	36864055	Oncogenesis	
Wei Wang	34438346	Biochem Biophys Res Commun	WB

Storage

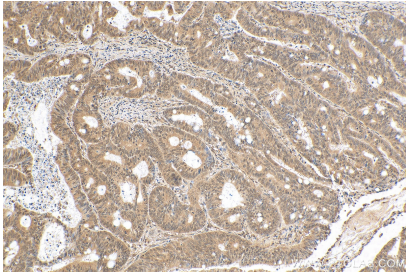
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

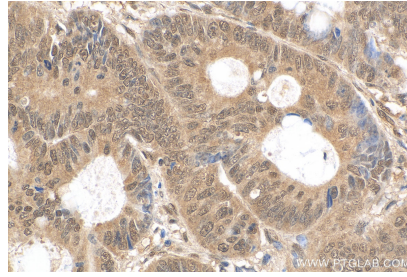
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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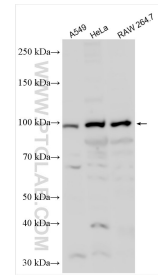
Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 24559-1-AP (USP35 antibody) at dilution of 1:100 (under 10x 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 1:100 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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.