

For Research Use Only

# USP35 Polyclonal antibody

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



## Basic Information

<b>Catalog Number:</b> 24559-1-AP	<b>GenBank Accession Number:</b> BC131489	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 550 µg/ml	<b>GeneID (NCBI):</b> 57558	<b>Recommended Dilutions:</b> IHC 1:50-1:500
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9P2H5	
<b>Isotype:</b> IgG	<b>Full Name:</b> ubiquitin specific peptidase 35	
<b>Immunogen Catalog Number:</b> AG20002	<b>Calculated MW:</b> 1018 aa, 113 kDa	
	<b>Observed MW:</b> 84 kDa	

## Applications

<b>Tested Applications:</b> IHC, ELISA	<b>Positive Controls:</b> IHC : human colon cancer tissue, mouse skeletal muscle tissue
<b>Cited Applications:</b> WB, IHC, CoIP	
<b>Species Specificity:</b> human, mouse	
<b>Cited Species:</b> human	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## 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

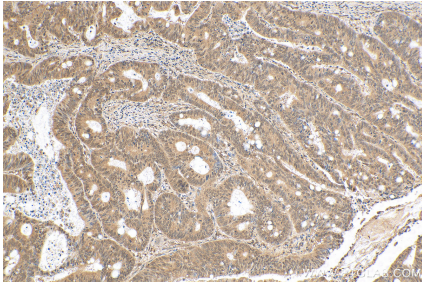
## Storage

**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

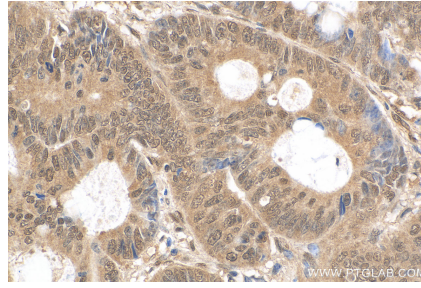
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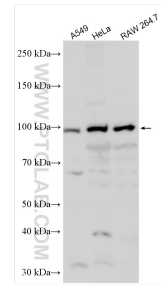
## Selected Validation Data



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.