

Datasheet for ABIN2856099

anti-USP5 antibody

4 Images

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Overview

Quantity:	100 µL
Target:	USP5
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This USP5 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human USP5. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Rabbit Polyclonal antibody to USP5 (ubiquitin specific peptidase 5 (isopeptidase T)) USP5 antibody [C1C3]
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	USP5
Alternative Name:	ubiquitin specific peptidase 5 (USP5 Products)

Target Details

Background: Ubiquitin (see MIM 191339)-dependent proteolysis is a complex pathway of protein metabolism implicated in such diverse cellular functions as maintenance of chromatin structure, receptor function, and degradation of abnormal proteins. A late step of the process involves disassembly of the polyubiquitin chains on degraded proteins into ubiquitin monomers. USP5 disassembles branched polyubiquitin chains by a sequential exo mechanism, starting at the proximal end of the chain (Wilkinson et al., 1995 [PubMed 7578059]).[supplied by OMIM]

Molecular Weight: 96 kDa

Gene ID: 8078

UniProt: [P45974](#)

Application Details

Application Notes: WB: 1:500-1:3000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.

Comment: Positive Control: Mouse brain , Molt-4 , Raji

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.81 mg/mL

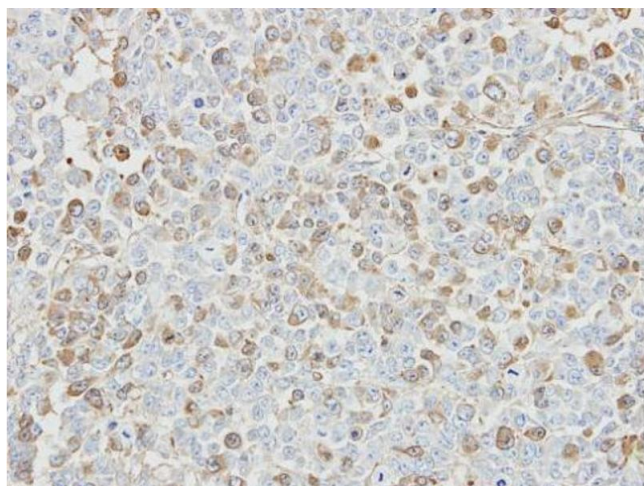
Buffer: 0.1M Tris-Glycine (pH 7), 10 % Glycerol, 0.01 % Thimerosal

Preservative: Thimerosal (Merthiolate)

Precaution of Use: This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

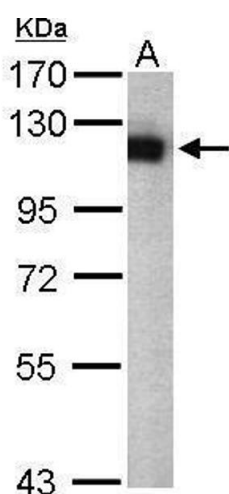
Storage: 4 °C,-20 °C

Storage Comment: Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.



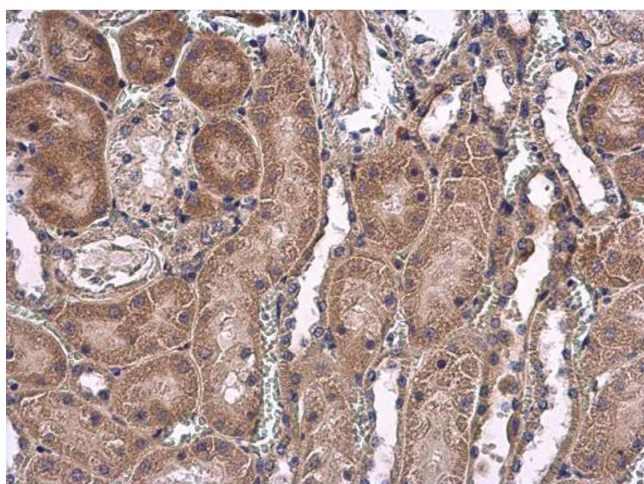
Immunohistochemistry

Image 1. IHC-P Image Immunohistochemical analysis of paraffin-embedded TOV-112D xenograft, using USP5, antibody at 1:500 dilution.



Western Blotting

Image 2. WB Image Sample (50 ug of whole cell lysate) A: Mouse brain 7.5% SDS PAGE antibody diluted at 1:1000



Immunohistochemistry

Image 3. IHC-P Image USP5 antibody [C1C3] detects USP5 protein at cytoplasm on mouse kidney by immunohistochemical analysis. Sample: Paraffin-embedded mouse kidney. USP5 antibody [C1C3], diluted at 1:500.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN2856099.