

# USP5 Rabbit Polyclonal Antibody



CAB4202

## Product Information

### Size:

20uL, 50uL, 100uL, 200uL

### Observed MW:

110kDa

### Calculated MW:

93kDa/95kDa

### Applications:

WB IHC

### Reactivity:

Human, Mouse, Rat

## Antibody Information

### Recommended dilutions:

WB 1:1000 - 1:2000 IHC

1:50 - 1:200

### Source:

Rabbit

### Isotype:

IgG

### Purification:

Affinity purification

## Protein 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, Mar 2010]

## Immunogen information

### Gene ID:

8078

### Uniprot

P45974

### Synonyms:

USP5; ISOT

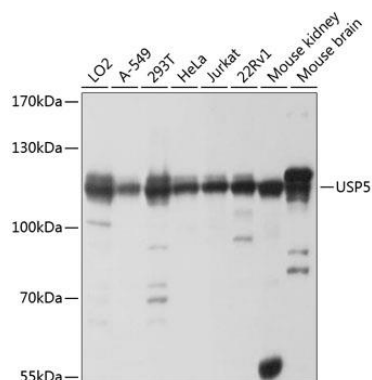
### Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 1-280 of human USP5 (NP\_003472.2).

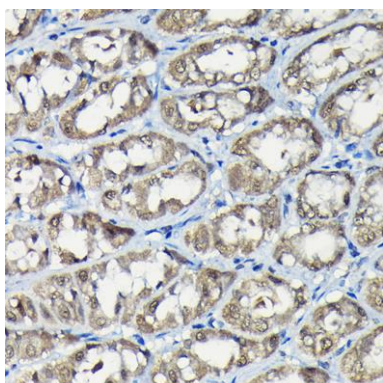
### Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

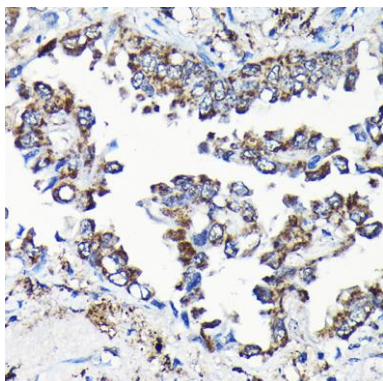
## Product Images



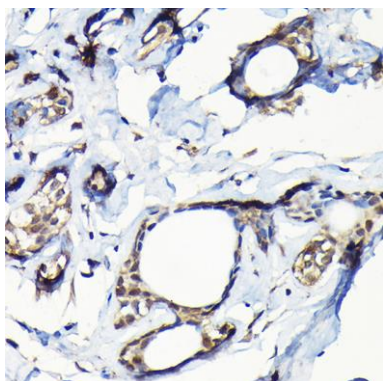
Western blot analysis of extracts of various cell lines, using USP5 antibody (CAB4202) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 1s.



Immunohistochemistry of paraffin-embedded rat stomach using USP5 Rabbit pAb (CAB4202) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded human lung cancer using USP5 Rabbit pAb (CAB4202) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded human breast cancer using USP5 Rabbit pAb (CAB4202) at dilution of 1:100 (40x lens).