

USP5 Antibody
Rabbit mAb
Catalog # AP93228

Specification

USP5 Antibody - Product Information

Application	WB, ICC
Primary Accession	P45974
Reactivity	Rat
Clonality	Monoclonal
Other Names	
ISOT; Usp5;	
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	95786 Da

USP5 Antibody - Additional Information

Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human USP5
Description	Cleaves linear and branched multiubiquitin polymers with a marked preference for branched polymers. Involved in unanchored 'Lys-48'-linked polyubiquitin disassembly.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

USP5 Antibody - Protein Information

Name USP5

Synonyms ISOT

Function

Cleaves linear and branched multiubiquitin polymers with a marked preference for branched polymers. Involved in unanchored 'Lys- 48'-linked polyubiquitin disassembly. Binds linear and 'Lys-63'-linked polyubiquitin with a lower affinity. Knock-down of USP5 causes the accumulation of p53/TP53 and an increase in p53/TP53 transcriptional activity because the unanchored polyubiquitin that accumulates is able to compete with ubiquitinated p53/TP53 but not with MDM2 for proteasomal recognition.

USP5 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

USP5 Antibody - Images