

## Product datasheet for **TA350589**

### USP5 Rabbit Polyclonal Antibody

#### Product data:

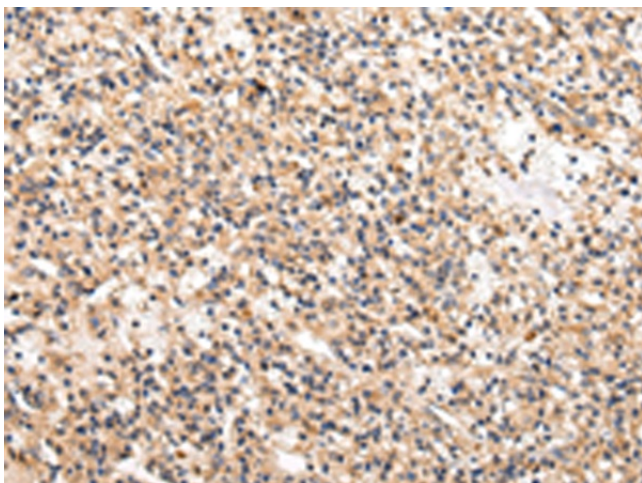
Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 25-100 Positive control: Human prostate cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human USP5
Formulation:	pH7.4 PBS, 0.05% NaN3, 40% GlycerolIn
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	ubiquitin specific peptidase 5
Database Link:	<a href="#">NP_003472</a> <a href="#">Entrez Gene 8078 Human</a> <a href="#">P45974</a>
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]).
Synonyms:	ISOT



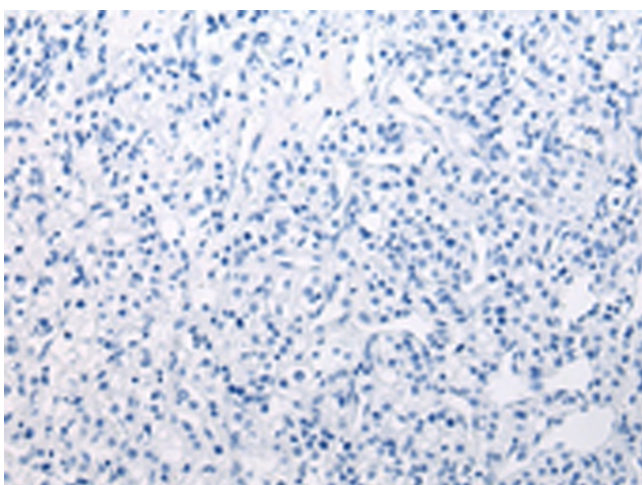
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Protein Families: Druggable Genome, Protease

### Product images:



Immunohistochemistry of paraffin-embedded Human prostate cancer tissue using TA350589 (USP5 Antibody) at dilution 1/25 (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human prostate cancer tissue using TA350589 (USP5 Antibody) at dilution 1/25, treated with fusion protein. (Original magnification:  $\times 200$ )