Rabbit anti-Human, Mouse USP45 Polyclonal Antibody | anti-USP45 antibody

USP45 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA173160	**Rabbit**	**Human, Mouse**	**Immunohistochemistry, ELISA**

PRODUCT SYNONYMS

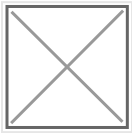
USP45; Polyclonal Antibody; USP45 Polyclonal Antibody; anti-USP45 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Concentration	1.3mg/ml (varies by lot)
Sequence Length	289
Applicable Applications for anti-USP45 antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Full length fusion protein
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-82762 / sc-82763
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES

IHC (Immunohiostchemistry)
Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using USP45 Polyclonal Antibody at dilution 1:25



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded Human prostate cancer tissue using USP45 Polyclonal Antibody at dilution 1:25

ADDITIONAL INFORMATION

Related Product Information for anti-USP45 antibody	The ubiquitin (Ub) pathway involves three sequential enzymatic steps that facilitate the conjugation of Ub and Ub-like molecules to specific protein substrates. A wide range of enzymes facilitate the proteolytic Ub pathway, including USPs (ubiquitin specific peptidases), which are cysteine proteases that are responsible for the release of ubiquitin from a ubiquitylated substrate and precursor fusion proteins. USP45 (Ubiquitin carboxyl-terminal hydrolase 45), also known as Deubiquitinating enzyme 45, is a 819 amino acid protein that is involved in ubiquitin-dependent protein catabolism. USP45 differs from other USPs in that it contains a UBP-type zinc finger, a domain which binds ubiquitin. Although USP45 is broadly expressed, the highest levels can be found in skeletal muscle, spleen and ovary. There are three isoforms of USP45 which are produced as a result of alternative splicing.

NCBI AND UNIPROT INFORMATION

NCBI GI #	1068937287
NCBI GeneID	85015
NCBI GenBank Nucleotide #	NM_032929.2
Molecular Weight	55,812 Da
NCBI Official Full Name	ubiquitin carboxyl-terminal hydrolase 45 isoform h
NCBI Official Synonym Full Names	ubiquitin specific peptidase 45
NCBI Official Symbol	USP45
NCBI Protein Information	ubiquitin carboxyl-terminal hydrolase 45
UniProt Protein Name	Ubiquitin carboxyl-terminal hydrolase 45
UniProt Gene Name	**USP45**
UniProt Entry Name	UBP45_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/polyclonal/usp45-antibody-immunohistochemistry-elisa/173160