

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

USP45 Antibody

CATALOG # AAA308976	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
-------------------------------	-----------------------	----------------------------	---

PRODUCT SYNONYMS

USP45; Polyclonal Antibody; USP45 Antibody; Deubiquitinating enzyme 45; MGC14793; Ubiquitin carboxyl-terminal hydrolase 45; ubiquitin specific peptidase 45; ubiquitin specific protease 45; anti-USP45 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total USP45 protein.
Purity/Purification	Antigen Affinity Purification
Form/Format	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Concentration	1.3 mg/ml (varies by lot)
Sequence Length	814
Applicable Applications for anti-USP45 antibody	IHC (Immunohistochemistry)
Immunogen	Full length fusion protein of human USP45
Immunogen Type	Protein
Preparation and Storage	Store at -20 degree C

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human esophagus cancer tissue using at dilution 1/25.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human prostate cancer tissue using 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 #	122937412
NCBI GeneID	85015
NCBI Accession #	NP_001073950.1
NCBI GenBank Nucleotide #	NM_001080481.1
UniProt Accession #	Q70EL2; Q5T062; Q86T44; Q86TC0; Q9BRU1; B2RXG0
Molecular Weight	55,812 Da
NCBI Official Full Name	ubiquitin carboxyl-terminal hydrolase 45
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/usp45-antibody-immunohistochemistry-elisa/308976>