

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

USP45 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286064	Rabbit	Human, mouse	Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

USP45; Polyclonal Antibody; USP45 Antibody (Center); Ubiquitin carboxyl-terminal hydrolase 45; Deubiquitinating enzyme 45; Ubiquitin thioesterase 45; Ubiquitin-specific-processing protease 45; anti-USP45 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This USP45 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 309-338 amino acids from the Central region of human USP45.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	309-338
Sequence Length	814
Applicable Applications for anti-USP45 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

USP45 Antibody (Center) immunohistochemistry analysis in formalin fixed and paraffin embedded human skeletal muscle followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of USP45 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)

USP45 Antibody (Center) western blot analysis in mouse cerebellum tissue lysates (35ug/lane). This demonstrates the USP45 antibody detected the USP45 protein (arrow).



WB (Western Blot)

USP45 Antibody (Center) western blot analysis in HepG2 cell line lysates (35ug/lane). This demonstrates the USP45 antibody detected the USP45 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-USP45 antibody	The function of this protein remains unknown.
References	Quesada, V., et al. Biochem. Biophys. Res. Commun. 314(1):54-62(2004) Mungall, A.J., et al. Nature 425(6960):805-811(2003) Puente, X.S., et al. Nat. Rev. Genet. 4(7):544-558(2003)

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	91733
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/usp45-antibody-immunohistochemistry-western-blot-elisa/286064>