

Rabbit USP11 Polyclonal Antibody | anti-USP11 antibody

USP11 Antibody (C-term)

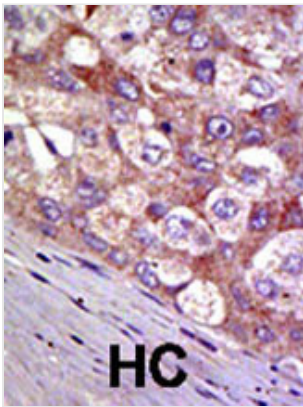
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290969	Rabbit	Human Predicted Reactivity: Mouse, Rat	Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

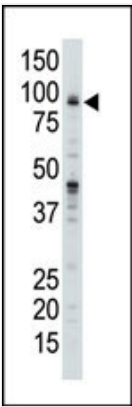
USP11; Polyclonal Antibody; USP11 Antibody (C-term); Purified Rabbit Polyclonal Antibody (Pab); Ubiquitin carboxyl-terminal hydrolase 11; Deubiquitinating enzyme 11; Ubiquitin thioesterase 11; Ubiquitin-specific-processing protease 11; UHX1; anti-USP11 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human Predicted Reactivity: Mouse, Rat
Clonality	Polyclonal
Isotype	Rabbit Ig
Clone Number	RB4422
Specificity	This USP11 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 791-822 amino acids from the C-terminal region of human USP11.
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Applicable Applications for anti-USP11 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Antigen Source	Human
Antigen Region	791-822
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



IHC (Immunohiostchemistry)
Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.



WB (Western Blot)
The anti-USP11 Pab is used in Western blot to detect USP11 in 293 cell lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-USP11 antibody	Modification of target proteins by ubiquitin participates in a wide array of biological functions. Proteins destined for degradation or processing via the 26 S proteasome are coupled to multiple copies of ubiquitin. However, attachment of ubiquitin or ubiquitin-related molecules may also result in changes in subcellular distribution or modification of protein activity. An additional level of ubiquitin regulation, deubiquitination, is catalyzed by proteases called deubiquitinating enzymes, which fall into four distinct families. Ubiquitin C-terminal hydrolases, ubiquitin-specific processing proteases (USPs),1 OTU-domain ubiquitin-aldehyde-binding proteins, and Jab1/Pad1/MPN-domain-containing metallo-enzymes. Among these four families, USPs represent the most widespread and represented deubiquitinating enzymes across evolution. USPs tend to release ubiquitin from a conjugated protein. They display similar catalytic domains containing conserved Cys and His boxes but divergent N-terminal and occasionally C-terminal extensions, which are thought to function in substrate recognition, subcellular localization, and protein-protein interactions.
Product Categories/Family for anti-USP11 antibody	Primary Antibodies; Cell Biology
References	Strausberg, R.L., et al., Proc. Natl. Acad. Sci. U.S.A. 99(26):16899-16903 (2002).Swanson, D.A., et al., Hum. Mol. Genet. 5(4):533-538 (1996).Ideguchi, H., et al., Biochem. J. 367 (Pt 1), 87-95 (2002).

NCBI AND UNIPROT INFORMATION

NCBI GI #	24234683
NCBI GeneID	8237
NCBI Accession #	NP_004642.2
NCBI GenBank Nucleotide #	NM_004651.3
UniProt Accession #	P51784; Q99K46; Q8IUG6; Q5D006
Molecular Weight	109,817 Da
NCBI Official Full Name	ubiquitin carboxyl-terminal hydrolase 11
NCBI Official Synonym Full Names	ubiquitin specific peptidase 11
NCBI Official Symbol	USP11
NCBI Official Synonym Symbols	UHX1

NCBI Protein Information	ubiquitin carboxyl-terminal hydrolase 11; ubiquitin thioesterase 11; deubiquitinating enzyme 11; ubiquitin thiolesterase 11; ubiquitin-specific processing protease 11; ubiquitin-specific-processing protease 11; ubiquitin carboxyl-terminal hydrolase, X-lin
UniProt Protein Name	Ubiquitin carboxyl-terminal hydrolase 11
UniProt Gene Name	USP11
UniProt Synonym Gene Names	UHX1
UniProt Entry Name	UBP11_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/usp11-antibody-clone-rb4422-immunohistochemistry-western-blot-elisa/290969>