

Rabbit USP22 Polyclonal Antibody | anti-USP22 antibody

USP22 Antibody (C-term)

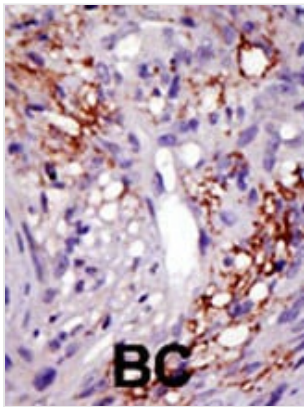
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288649	Rabbit	Human (Predicted Reactivity: Xenopus, Bovine, Zebrafish, Mouse)	Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

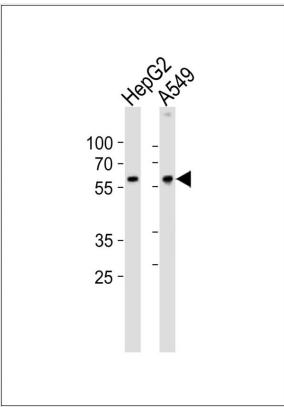
USP22; Polyclonal Antibody; USP22 Antibody (C-term); Ubiquitin carboxyl-terminal hydrolase 22; Deubiquitinating enzyme 22; Ubiquitin thioesterase 22; Ubiquitin-specific-processing protease 22; KIAA1063; USP3L; anti-USP22 antibody

PRODUCT SPECIFICATIONS

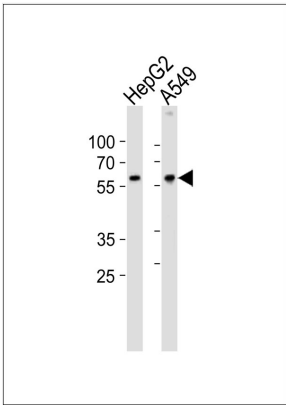
Host	Rabbit
Reactivity	Human (Predicted Reactivity: Xenopus, Bovine, Zebrafish, Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This USP22 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 351-380 amino acids from the C-terminal region of human USP22.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
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.
Concentration	Vial Concentration: 1.25 (varies by lot)
Sequence Positions	351-380
Sequence Length	525
Applicable Applications for anti-USP22 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.



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB 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)
Western blot analysis of USP22 Antibody (C-term) in Jurkat cell line lysates (35ug/lane). USP22 (arrow) was detected using the purified Pab.



WB (Western Blot)
Western blot analysis of lysates from HepG2, A549 cell line (from left to right), using USP22 Antibody (C-term). AAA288649 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysates at 20ug per lane.

ADDITIONAL INFORMATION

Related Product Information for anti-USP22 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-USP22 antibody	Cell Biology
References	Kikuno, R., et al., DNA Res. 6(3):197-205 (1999).

NCBI AND UNIPROT INFORMATION

NCBI GI #	150010639
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NCBI GeneID	23326
NCBI Accession #	NP_056091.1
NCBI GenBank Nucleotide #	NM_015276.1
UniProt Accession #	Q9UPT9 ; Q2NLE2 ; Q6MZY4 ; Q8TBS8 ; Q96IW5 ; A0JNS3
Molecular Weight	59961
NCBI Official Full Name	ubiquitin carboxyl-terminal hydrolase 22
NCBI Official Synonym Full Names	ubiquitin specific peptidase 22
NCBI Official Symbol	USP22
NCBI Official Synonym Symbols	USP3L
NCBI Protein Information	ubiquitin carboxyl-terminal hydrolase 22
UniProt Protein Name	Ubiquitin carboxyl-terminal hydrolase 22
UniProt Gene Name	USP22
UniProt Synonym Gene Names	KIAA1063; USP3L
UniProt Entry Name	UBP22_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/usp22-antibody-immunohistochemistry-western-blot-elisa/288649>