

Rabbit USP22 Polyclonal Antibody | anti-USP22 antibody

Anti-USP22 Antibody Picoband

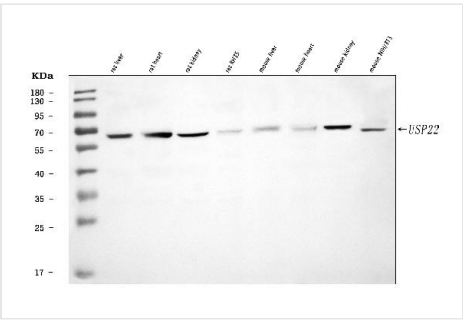
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA126341	Rabbit	Human, Mouse, Rat	Western Blot, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

USP22; Polyclonal Antibody; Anti-USP22 Antibody Picoband; anti-USP22 antibody

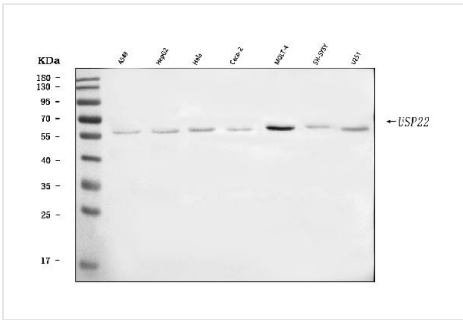
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	Rabbit IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ .
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml. (varies by lot)
Applicable Applications for anti-USP22 antibody	WB (Western Blot), FCM/FACS (Flow Cytometry)
Reconstitution	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Immunogen	A synthetic peptide corresponding to a sequence of human USP22 (HIHEHAKAKRHNLAIDLMY).
Preparation and Storage	Store at -20 degree C for one year from date of receipt. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for six months. Avoid repeated freezing and thawing.



WB (Western Blot)

Figure 1. Western blot analysis of USP22 using anti-USP22 antibody (AAA126341). Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel)/90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions. Lane 1: rat liver tissue lysates, Lane 2: rat heart tissue lysates, Lane 3: rat kidney tissue lysates, Lane 4: rat RH35 whole cell lysates, Lane 5: mouse liver tissue lysates, Lane 6: mouse heart tissue lysates, Lane 7: mouse kidney tissue lysates, Lane 8: mouse NIH/3T3 whole cell lysates. After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-USP22 antigen affinity purified polyclonal antibody (#AAA126341) at 0.5 ug/mL overnight at 4 degree C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:5000 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit with Tanon 5200 system. A specific band was detected for USP22 at approximately 68 kDa. The expected band size for USP22 is at 60 kDa.



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ADDITIONAL INFORMATION

Related Product Information for anti-USP22 antibody	Ubiquitin specific peptidase 22 is a protein that in humans is encoded by the USP22 gene on chromosome 17. Enables enzyme binding activity; nuclear receptor coactivator activity; and thiol-dependent deubiquitinase. Contributes to H4 histone acetyltransferase activity. Involved in positive regulation of mitotic cell cycle; positive regulation of transcription, DNA-templated; and protein modification by small protein conjugation or removal. Part of SAGA complex.
Product Categories/Family for anti-USP22 antibody	Primary Antibodies, Rabbit Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	78103328
NCBI GeneID	23326
UniProt Accession #	Q9UPT9; Q2NLE2; Q6MZY4; Q8TBS8; Q96IW5; A0JNS3
Molecular Weight	525
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; ubiquitin thioesterase 22; deubiquitinating enzyme 22; ubiquitin thioesterase 22; ubiquitin specific protease 22; ubiquitin-specific processing protease 22; ubiquitin-specific-processing protease 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/usp22-antibody-western-blot-flow-cytometry-elisa/126341>