

Rabbit USP9X Polyclonal Antibody | anti-USP9X antibody

Anti-USP9X Antibody Picoband

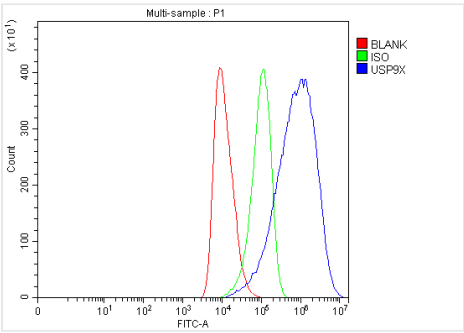
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA126237	Rabbit	Human, Mouse, Rat	Western Blot, Immunocytochemistry, Immunofluorescence, Flow Cytometry, Functional Assay, ELISA

PRODUCT SYNONYMS

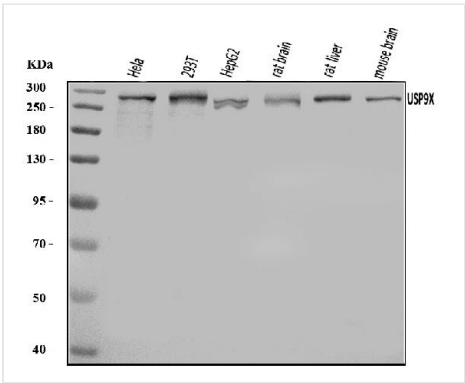
USP9X; Polyclonal Antibody; Anti-USP9X Antibody Picoband; anti-USP9X antibody

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-USP9X antibody	WB (Western Blot), ICC (Immunocytochemistry), IF (Immunofluorescence), FCM/FACS (Flow Cytometry), ELISA
Reconstitution	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Immunogen	E Coli-derived human USP9X recombinant protein (Position: Q1175-Q1283).
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.



FCM/FACS (Flow Cytometry)
Figure 2. Flow Cytometry analysis of HEL cells using anti-USP9X antibody (AAA126237).Overlay histogram showing HEL cells stained with AAA126237 (Blue line). The cells were blocked with 10% normal goat serum. And then incubated with rabbit anti-USP9X Antibody (AAA126237, 1 ug/1x10⁶ cells) for 30 min at 20 degree C. DyLight488 conjugated goat anti-rabbit IgG was used as secondary antibody for 30 minutes at 20 degree C. Isotype control antibody (Green line) was rabbit IgG (1 ug/1x10⁶) used under the same conditions. Unlabelled sample (Red line) was also used as a control.



WB (Western Blot)
Figure 1. Western blot analysis of USP9X using anti-USP9X antibody (AAA126237).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: human Hela whole cell lysates,Lane 2: human 293T whole cell lysates,Lane 3: human HepG2 whole cell lysates,Lane 4: rat brain tissue lysates,Lane 5: rat liver tissue lysates,Lane 6: mouse brain tissue 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-USP9X antigen affinity purified polyclonal antibody (#AAA126237) 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 USP9X at approximately 290 kDa. The expected band size for USP9X is at 290 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-USP9X antibody	Probable ubiquitin carboxyl-terminal hydrolase FAF-X is an enzyme that in humans is encoded by the USP9X gene. This gene is a member of the peptidase C19 family and encodes a protein that is similar to ubiquitin-specific proteases. Though this gene is located on the X chromosome, it escapes X-inactivation. Mutations in this gene have been associated with Turner syndrome. Alternate transcriptional splice variants, encoding different isoforms, have been characterized.
Product Categories/Family for anti-USP9X antibody	Primary Antibodies, Rabbit Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	317373496
NCBI GeneID	8239
UniProt Accession #	Q93008; O75550; Q8WWT3; Q8WX12
Molecular Weight	2570
NCBI Official Full Name	Probable ubiquitin carboxyl-terminal hydrolase FAF-X
NCBI Official Synonym Full Names	ubiquitin specific peptidase 9, X-linked
NCBI Official Symbol	USP9X
NCBI Official Synonym Symbols	FAF; FAM; DFFRX; MRX99
NCBI Protein Information	probable ubiquitin carboxyl-terminal hydrolase FAF-X; hFAM; fat facets in mammals; ubiquitin thioesterase FAF-X; deubiquitinating enzyme FAF-X; ubiquitin thiolesterase FAF-X; fat facets protein related, X-linked; fat facets protein-related, X-linked; Dros
UniProt Protein Name	Probable ubiquitin carboxyl-terminal hydrolase FAF-X
UniProt Gene Name	USP9X

UniProt Synonym Gene Names	DFFRX; FAM; USP9; hFAM
UniProt Entry Name	USP9X_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/usp9x-antibody-western-blot-immunocytochemistry-immunofluorescence-flow-cytometry-elisa/126237>