

Rabbit USP9X Polyclonal Antibody | anti-USP9X antibody

USP9X Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA323321	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot

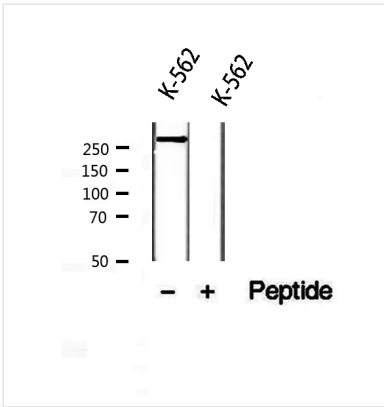
PRODUCT SYNONYMS

USP9X; Polyclonal Antibody; USP9X Antibody; Deubiquitinating enzyme FAF X; Deubiquitinating enzyme FAF-X; DFFRX; Drosophila fat facets related X linked; FAF; FafI; Fam; Fat facets homolog; Fat facets in mammals; Fat facets protein related X linked; Fat facets protein related; X-linked; Fat facets protein-related; hFAM; MRX99; Probable ubiquitin carboxyl terminal hydrolase FAF X; Probable ubiquitin carboxyl-terminal hydrolase FAF-X; Ubiquitin carboxyl-terminal hydrolase FAM; Ubiquitin specific peptidase 9 X linked; Ubiquitin specific peptidase 9; Ubiquitin specific processing protease FAF X; Ubiquitin specific protease 9 X chromosome; Ubiquitin thioesterase FAF X; Ubiquitin thiolesterase FAF X; Ubiquitin thiolesterase FAF-X; Ubiquitin-specific protease 9; Ubiquitin-specific-processing protease FAF-X; USP9 (gene name); Usp9x; USP9X_HUMAN; Uubiquitin specific protease 9; X chromosome (fat facets like Drosophila); X chromosome; anti-USP9X antibody

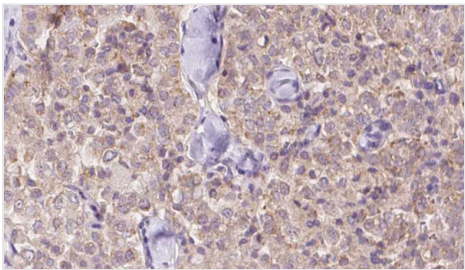
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	USP9X antibody detects endogenous levels of USP9X.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	2570
Applicable Applications for anti-USP9X antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human USP9X.
Subcellular Location	Cytoplasm.
Tissue Specificity	Widely expressed in embryonic and adult tissues.
Predicted Cross Reactivity	Bovine, Horse, Sheep, Rabbit, Dog, Chicken, Xenopus
Similarity	Bovine (92%), Horse (100%), Sheep (92%), Rabbit (100%), Dog (100%), Chicken (100%), Xenopus (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

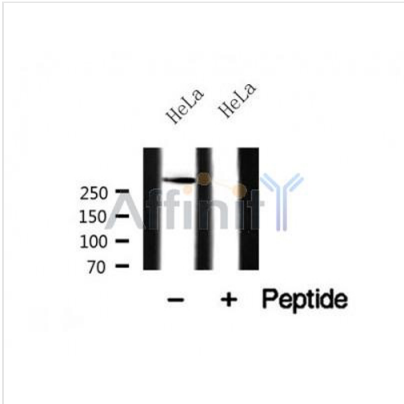
IMAGES



WB (Western Blot)
Western blot analysis of extracts from HeLa, using USP9X antibody.



IHC (Immunohistochemistry)
AAA323321 at 1/100 staining Human thyroid cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)
Western blot analysis of USP9X in lysates of HeLa

ADDITIONAL INFORMATION

Related Product Information for anti-USP9X antibody

Function: Deubiquitinase involved both in the processing of ubiquitin precursors and of ubiquitinated proteins. May therefore play an important regulatory role at the level of protein turnover by preventing degradation of proteins through the removal of conjugated ubiquitin. Specifically hydrolyzes 'Lys-48', 'Lys-29'-and 'Lys-33'-linked polyubiquitins chains. Essential component of TGF-beta/BMP signaling cascade. Specifically deubiquitinates monoubiquitinated SMAD4, opposing the activity of E3 ubiquitin-protein ligase TRIM33. Deubiquitinates alkylation repair enzyme ALKBH3. OTUD4 recruits USP7 and USP9X to stabilize ALKBH3, thereby promoting the repair of alkylated DNA lesions (PubMed:25944111). Regulates chromosome alignment and segregation in mitosis by regulating the localization of BIRC5/survivin to mitotic centromeres. Involved in axonal growth and neuronal cell migration (PubMed:16322459, PubMed:18254724, PubMed:19135894, PubMed:24607389). Subunit Structure: Interacts with SMAD4, MARK4, NUAK1 and BIRC5/survivin. Interacts with DCX. Interacts with OTUD4 and USP7; the interaction is direct (PubMed:25944111). Similarity: Belongs to the peptidase C19 family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	145309309
NCBI GeneID	8239
NCBI Accession #	NP_001034679.2
NCBI GenBank Nucleotide #	NM_001039590.2
UniProt Accession #	Q93008; O75550; Q8WWT3; Q8WX12

Molecular Weight	Observed: 260-290 kDa Predicted: 293 kDa
NCBI Official Full Name	probable ubiquitin carboxyl-terminal hydrolase FAF-X isoform 3
NCBI Official Synonym Full Names	ubiquitin specific peptidase 9 X-linked
NCBI Official Symbol	USP9X
NCBI Official Synonym Symbols	FAF; FAM; DFFRX; MRX99; MRXS99F
NCBI Protein Information	probable ubiquitin carboxyl-terminal hydrolase FAF-X
UniProt Protein Name	Probable ubiquitin carboxyl-terminal hydrolase FAF-X
UniProt Gene Name	USP9X
UniProt Synonym Gene Names	hFAM

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-immunohistochemistry-western-blot-elisa/323321>