OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for CF800061

USP9X Mouse Monoclonal Antibody [Clone ID: OTI2B4]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI2B4
Applications:	WB
Recommended Dilution:	WB 1:500~2000
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 2246-2570 of human USP9X (NP_001034680) produced in E.coli.
Formulation:	Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)
Reconstitution Method:	For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	ubiquitin specific peptidase 9 X-linked
Database Link:	NP_001034680 Entrez Gene 22284 MouseEntrez Gene 363445 RatEntrez Gene 8239 Human Q93008

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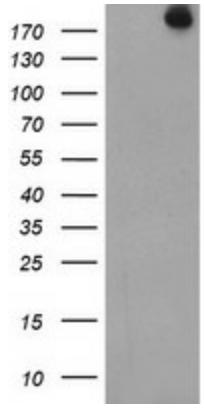
Background: This gene is a member of the peptidase C19 family and encodes a protein that is similar to ubiquitin-specific proteases. Though this gene is located on the X chromosome, it escapes X-inactivation. Mutations in this gene have been associated with Turner syndrome. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq]

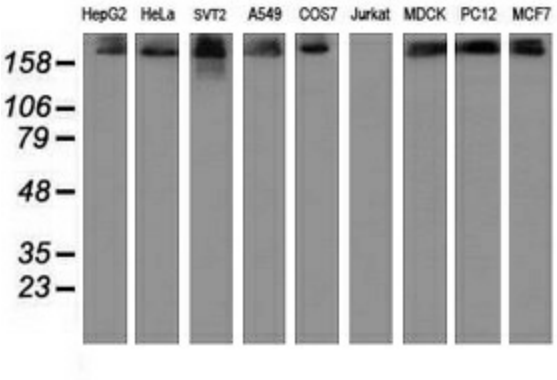
Synonyms: DFFRX; FAF; FAM; MRX99; MRXS99F

Protein Families: Druggable Genome

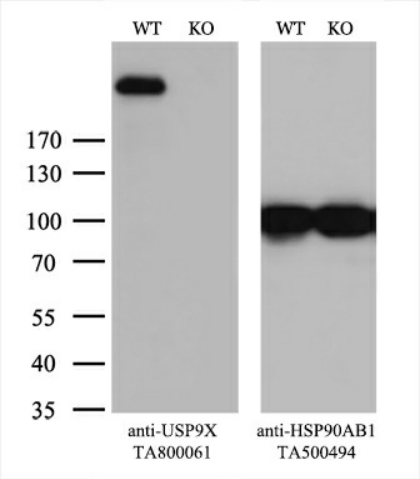
Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY USP9X ([RC217531], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-USP9X.



Western blot analysis of extracts (35ug) from 9 different cell lines by usin g anti-USP9X monoclonal antibody (HepG2: human; HeLa: human; SVT2: mouse; A549: human; COS7: monkey; Jurkat: human; MDCK: canine; PC12: rat; MCF7: human).



Equivalent amounts of cell lysates (10 ug per lane) of wild-type HeLa cells (WT, Cat# LC810HELA) and USP9X-Knockout HeLa cells (KO, Cat# [LC830889]) were separated by SDS-PAGE and immunoblotted with anti-USP9X monoclonal antibody [TA800061] (1:1000). Then the blotted membrane was stripped and reprobed with anti-HSP90 antibody as a loading control.