G-Biosciences Image not found or type unknown

Immunotag™ USP9X Antibody

Antibody Specification

Catalog No.	ITA3152
Product Description	Immunotag™ USP9X Antibody
Size	100 µg, 200 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	USP9X
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC
Recommended Dilution	WB 1:500-1:2000, IHC 1:50-1:200
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human USP9X.
Specificity	USP9X antibody detects endogenous levels of USP9X.
Purification	The antiserum was purified by peptide affinity chromatography.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	USP9X
Accession No.	Q93008

Antibody Specification

Alternate Names	Deubiquitinating enzyme FAF X; Deubiquitinating enzyme FAF-X; DFFRX; Drosophila fat facets related X linked; FAF; Fafl; 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, X-linked; 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; X-linked;
Description	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).
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	260-290 kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.