# USP9x Conjugated Antibody

Catalog No: #C49883

Package Size: #C49883-AF350 100ul #C49883-AF405 100ul #C49883-AF488 100ul #C49883-AF555 100ul #C49883-AF594 100ul #C49883-AF647 100ul #C49883-AF680 100ul #C49883-AF750 100ul #C49883-Biotin 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

## Description

| | |
|---|---|
| Product Name | USP9x Conjugated Antibody |
| Host Species | Rabbit |
| Clonality | Monoclonal |
| Species Reactivity | Hu, Ms, Rt |
| Immunogen Description | Recombinant protein within human USP9X aa 1-200. |
| Conjugates | Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750 |
| Other Names | Deubiquitinating enzyme FAF X antibody Deubiquitinating enzyme FAF-X antibody DFFRX antibody Drosophila fat facets related X linked antibody FAF antibody Fafl antibody Fam antibody Fat facets homolog antibody Fat facets in mammals antibody Fat facets protein related X linked antibody Fat facets protein related, X-linked antibody Fat facets protein-related antibody hFAM antibody MRX99 antibody Probable ubiquitin carboxyl terminal hydrolase FAF X antibody Probable ubiquitin carboxyl-terminal hydrolase FAF-X antibody Ubiquitin carboxyl-terminal hydrolase FAM antibody Ubiquitin specific peptidase 9 X linked antibody Ubiquitin specific peptidase 9, X-linked antibody Ubiquitin specific processing protease FAF X antibody Ubiquitin specific protease 9 X chromosome antibody Ubiquitin thioesterase FAF X antibody Ubiquitin thiolesterase FAF X antibody Ubiquitin thiolesterase FAF-X antibody Ubiquitin-specific protease 9 antibody Ubiquitin-specific-processing protease FAF-X antibody USP9 (gene name) antibody Usp9x antibody USP9X_HUMAN antibody Uubiquitin specific protease 9, X chromosome (fat facets like Drosophila) antibody X chromosome antibody X-linked antibody |
| Accession No. | Swiss-Prot#:Q93008 |
| Uniprot | Q93008 |
| GeneID | 8239; |
| Excitation Emission | AF350: 346nm/442nm<br>AF405: 401nm/421nm<br>AF488: 493nm/519nm<br>AF555: 555nm/565nm<br>AF594: 591nm/614nm<br>AF647: 651nm/667nm<br>AF680: 679nm/702nm<br>AF750: 749nm/775nm |
| Calculated MW | 292 kDa |
| Formulation | 0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide |
| Storage | Store at 4°C in dark for 6 months |

## Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

## Background

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. 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.

Note: This product is for in vitro research use only