

Datasheet for ABIN7164629  
**anti-USP9X antibody (C-Term)**

## 3 Images

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## Overview

Quantity:	100 µg
Target:	USP9X
Binding Specificity:	AA 2360-2484, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This USP9X antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

## Product Details

Immunogen:	Recombinant Human Probable ubiquitin carboxyl-terminal hydrolase FAF-X protein (2360-2484AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

## Target Details

Target:	USP9X
Alternative Name:	USP9X ( <a href="#">USP9X Products</a> )
Background:	Background: Deubiquitinase involved both in the processing of ubiquitin precursors and of

## Target Details

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. Essential component of TGF-beta/BMP signaling cascade. Regulates chromosome alignment and segregation in mitosis by regulating the localization of BIRC5/survivin to mitotic centromeres. Specifically hydrolyzes both 'Lys-29'- and 'Lys-33'-linked polyubiquitins chains. Specifically deubiquitinates monoubiquitinated SMAD4, opposing the activity of E3 ubiquitin-protein ligase TRIM33. Involved in axonal growth and neuronal cell migration. Aliases: 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

UniProt: [Q93008](#)

## Application Details

Application Notes: Recommended dilution: IHC:1:20-1:200, IF:1:50-1:200,

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be

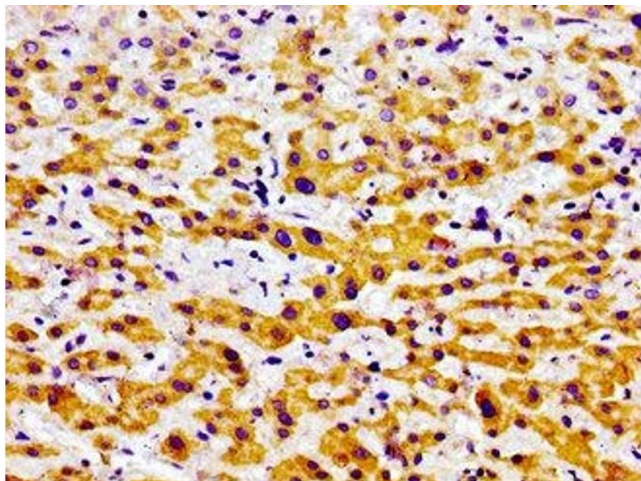
## Handling

handled by trained staff only.

Storage: -20 °C, -80 °C

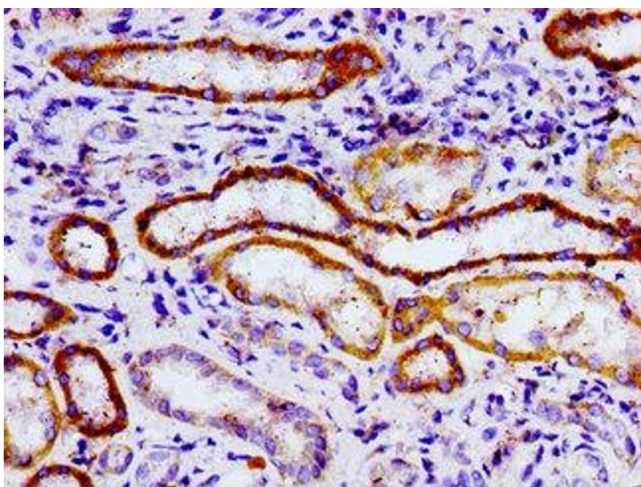
Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

## Images



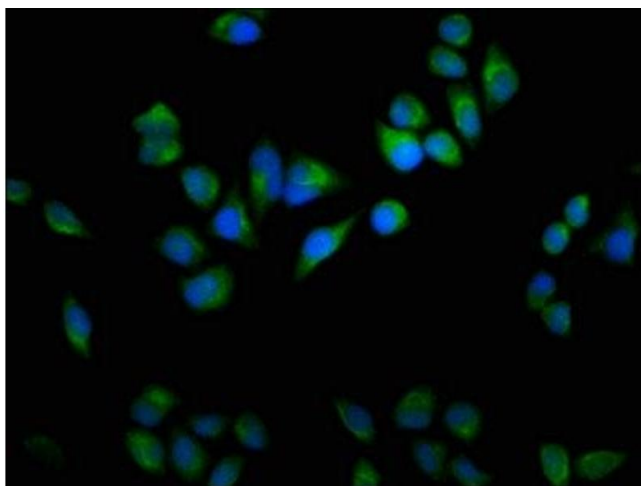
### Immunohistochemistry

**Image 1.** Immunohistochemistry of paraffin-embedded human liver cancer using ABIN7164629 at dilution of 1:100



### Immunohistochemistry

**Image 2.** Immunohistochemistry of paraffin-embedded human kidney tissue using ABIN7164629 at dilution of 1:100



### Immunofluorescence

**Image 3.** Immunofluorescence staining of Hela cells with ABIN7164629 at 1:100, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).