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Datasheet for ABIN7174360
anti-USP8 antibody (C-Term)

2 Images

Overview

Quantity:	100 µL
Target:	USP8
Binding Specificity:	AA 1-270, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This USP8 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	Recombinant Human Ubiquitin carboxyl-terminal hydrolase 8 protein (1-270AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antigen Affinity Purified

Target Details

Target:	USP8
Alternative Name:	USP8 (USP8 Products)
Background:	Background: Hydrolase that can remove conjugated ubiquitin from proteins and therefore plays an important regulatory role at the level of protein turnover by preventing degradation. Converts

Target Details

both 'Lys-48' and 'Lys-63'-linked ubiquitin chains. Catalytic activity is enhanced in the M phase. Involved in cell proliferation. Required to enter into S phase in response to serum stimulation. May regulate T-cell anergy mediated by RNF128 via the formation of a complex containing RNF128 and OTUB1. Probably regulates the stability of STAM2 and RASGRF1. Regulates endosomal ubiquitin dynamics, cargo sorting, membrane traffic at early endosomes, and maintenance of ESCRT-0 stability. The level of protein ubiquitination on endosomes is essential for maintaining the morphology of the organelle. Deubiquitinates EPS15 and controls tyrosine kinase stability. Removes conjugated ubiquitin from EGFR thus regulating EGFR degradation and downstream MAPK signaling. Involved in acrosome biogenesis through interaction with the spermatid ESCRT-0 complex and microtubules. Deubiquitinates BIRC6/bruce and KIF23/MKLP1.

Aliases: Deubiquitinating enzyme 8 antibody, FLJ34456 antibody, hUBPy antibody, HumORF8 antibody, KIAA0055 antibody, MGC129718 antibody, SPG59 antibody, Ubiquitin carboxyl-terminal hydrolase 8 antibody, Ubiquitin isopeptidase Y antibody, ubiquitin specific peptidase 8 antibody, Ubiquitin thioesterase 8 antibody, Ubiquitin-specific-processing protease 8 antibody, UBP8_HUMAN antibody, UBPY antibody, Usp8 antibody

UniProt: [P40818](#)

Application Details

Application Notes: Recommended dilution: WB:1:200-1:1000, IHC:1:20-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

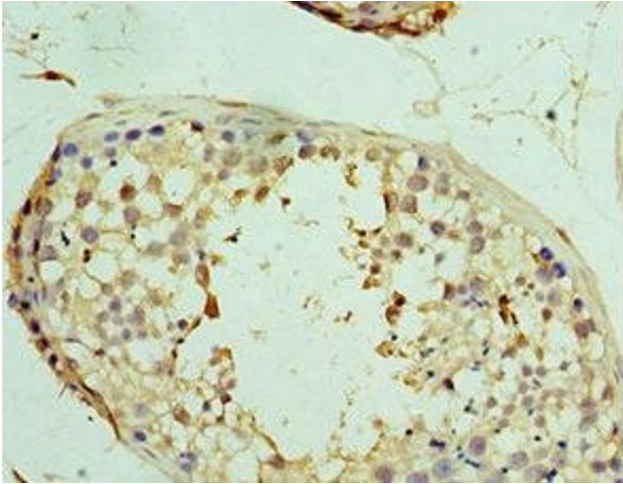
Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

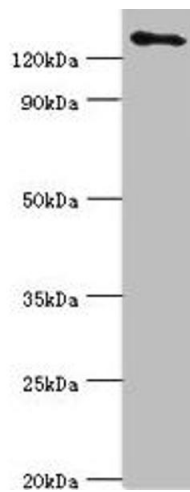
Storage: -20 °C,-80 °C

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



Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human testis tissue using ABIN7174360 at dilution of 1:100



Western Blotting

Image 2. Western blot All lanes: USP8 antibody at 14 $\mu\text{g}/\text{mL}$ + 293T whole cell lysate Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution Predicted band size: 128, 116 kDa Observed band size: 128 kDa