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Datasheet for ABIN7271147
anti-USP19 antibody (AA 1-200)

2 Images

Overview

Quantity:	100 µL
Target:	USP19
Binding Specificity:	AA 1-200
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This USP19 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Purpose:	USP19 Rabbit pAb
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-200 of human USP19 (NP_001186089.1).
Sequence:	MSGGASATGP RRGPPGLEDT TSKKKQKDRA NQESKGDGPR KETGSRVYVAQ AGLEPLASGD PSASASHAAG ITGSRHRTL FFPSSSGSAS TPQEEQTKEG ACEDPHDLA TPTPELLLDW RQSAEEVIVK LRVGVGPLQL EDVDAAFDT DCVVRFAGGQ QWGGVFYAEI KSSCAKVQTR KGSLLHLTLP KKVPMMLTWPS
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Polyclonal Antibodies

Product Details

Purification: Affinity purification

Target Details

Target: USP19

Alternative Name: USP19 ([USP19 Products](#))

Background: Protein ubiquitination controls many intracellular processes, including cell cycle progression, transcriptional activation, and signal transduction. This dynamic process, involving ubiquitin conjugating enzymes and deubiquitinating enzymes, adds and removes ubiquitin.

Deubiquitinating enzymes are cysteine proteases that specifically cleave ubiquitin from ubiquitin-conjugated protein substrates. This protein is a ubiquitin protein ligase and plays a role in muscle wasting. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.,USP19,ZMYND9,Epigenetics & Nuclear Signaling,Cell Biology & Developmental Biology,Ubiquitin,USP19

Molecular Weight: 71kDa/140-156kDa

Gene ID: 10869

UniProt: [O94966](#)

Application Details

Application Notes: WB,1:500 - 1:2000,IF,1:50 - 1:200

Restrictions: For Research Use only

Handling

Format: Liquid

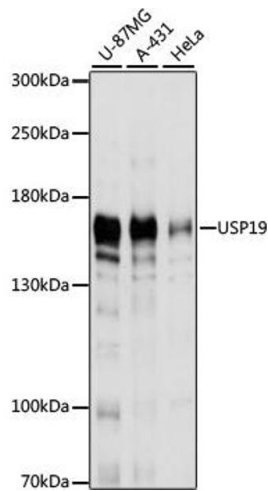
Buffer: PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.

Preservative: Sodium azide

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

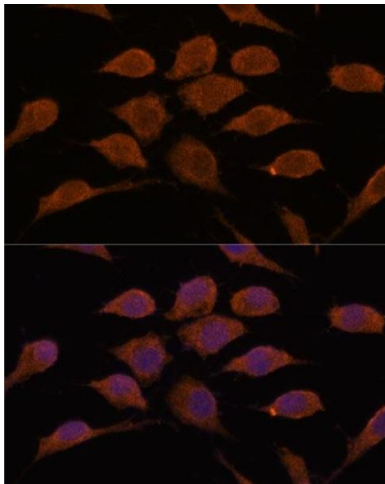
Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using USP19 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.



Immunofluorescence

Image 2. Immunofluorescence analysis of L929 cells using USP19 antibody at dilution of 1:100. Blue: DAPI for nuclear staining.