

Datasheet for ABIN2782358
anti-USP16 antibody (N-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	USP16
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Pig, Rabbit, Horse, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This USP16 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human USP16
Sequence:	CKTDNKVKDK AEEETEEKPS VWLCLKCGHQ GCGRNSQEQH ALKHYLTPRS
Predicted Reactivity:	Cow: 93%, Dog: 93%, Guinea Pig: 86%, Horse: 93%, Human: 100%, Mouse: 79%, Pig: 92%, Rabbit: 86%, Rat: 86%
Characteristics:	This is a rabbit polyclonal antibody against USP16. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Protein A purified

Target Details

Target:	USP16
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Target Details

Alternative Name:	USP16 (USP16 Products)
Background:	<p>USP16 is a deubiquitinating enzyme that is phosphorylated at the onset of mitosis and then dephosphorylated at the metaphase/anaphase transition. It can deubiquitinate H2A, one of two major ubiquitinated proteins of chromatin, in vitro and a mutant form of the protein was shown to block cell division.</p> <p>Alias Symbols: UBP-M</p> <p>Protein Interaction Partner: RNF8, HERC2, USP16, HIST1H2AB, XPO1, HIST1H2BB, CDK1, HIST2H2AC, HIST2H2AA3, UBC, IGF2BP3, TXNL1, CSNK1D, HIST4H4, FBXO11, PTOV1, UBD, hist1h3g, CALM1, HIST1H2BL, DBT, EXOSC10,</p> <p>Protein Size: 408</p>
Molecular Weight:	44 kDa
Gene ID:	10600
NCBI Accession:	NM_001001992
UniProt:	Q5VKN8

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 408 AA
Restrictions:	For Research Use only

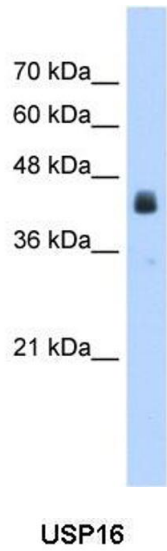
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C

Handling

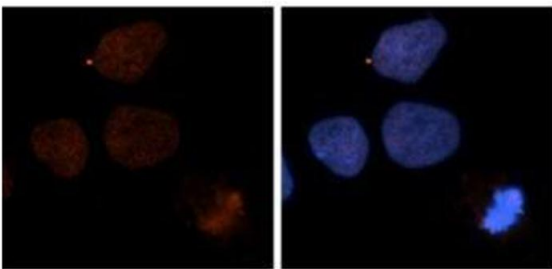
Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-USAntibody Titration: 2.5ug/ml
Positive Control: HepG2 cell lysate



Red: USP16
Blue: DAPI

Immunohistochemistry

Image 2. Sample Type : Human brain stem cells (NT2)
Primary Antibody Dilution : 1:500 Secondary Antibody : Goat anti-rabbit Alexa Fluor 594 Secondary Antibody Dilution : 1:1000 Color/Signal Descriptions : Red: USBlue: DAPI Gene Name : US Submitted by : Dr. Yuzhi Chen, University of Arkansas for Medical Science

See IHC 1 Data and Customer Feedback for more Information