

Datasheet for ABIN2782017

anti-USP48 antibody (Middle Region)



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1 Image

Overview

Quantity:	100 µL
Target:	USP48
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Dog, Cow, Guinea Pig, Horse, Rabbit, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This USP48 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human USP48
Sequence:	ALGLDTGQQQ DAQEFSLFLM SLLEDTLKQ KNPDVNRIVQ QQFCGEYAYV
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 86%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 100%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against USP48. It was validated on Western Blot.
Purification:	Protein A purified

Target Details

Target:	USP48
Alternative Name:	USP48 (USP48 Products)

Target Details

Background:	USP48 is a protein containing domains that associate it with the peptidase family C19, also known as family 2 of ubiquitin carboxyl-terminal hydrolases. Family members function as deubiquitinating enzymes, recognizing and hydrolyzing the peptide bond at the C-terminal glycine of ubiquitin. Enzymes in peptidase family C19 are involved in the processing of poly-ubiquitin precursors as well as that of ubiquitinated proteins. Alias Symbols: USP31, RAP1GA1 Protein Interaction Partner: SLC9A3, DRD3, BRAT1, VPS35, SEC24D, PSAP, UBC, ZC3HAV1, UBA6, UACA, ZFR, UCHL3, APP, EEF1B2P5, USP21, Protein Size: 640
Molecular Weight:	70 kDa
Gene ID:	84196
NCBI Accession:	NM_001032730
UniProt:	Q86UV5

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 640 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
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.

Validation report #100008 for Western Blotting (WB)



Western Blotting

Image 1. WB Suggested Anti-USP48 Antibody Titration: 2.5ug/ml Positive Control: HepG2 cell lysate USP48 is strongly supported by BioGPS gene expression data to be expressed in Human HepG2 cells