

Datasheet for ABIN5515559

anti-USP48 antibody (N-Term)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	USP48
Binding Specificity:	N-Term
Reactivity:	Human
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 N terminal region of human USP48
Sequence:	NTFLQVWFLN LELRQALYLC PSTCSDYMLG DGIQEEKDYE PQTICEHLQY
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 86%, Horse: 100%, Human: 100%, Mouse: 79%, Rabbit: 86%, Rat: 85%
Purification:	Affinity purified

Target Details

Target:	USP48
Alternative Name:	USP48 (USP48 Products)
Background:	This gene encodes a protein containing domains that associate it with the peptidase family

Target Details

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. Alternate transcriptional splice variants, encoding different isoforms, have been characterized.

Alias Symbols: USP31, RAP1GA1

Protein Interaction Partner: SLC9A3, DRD3, BRAT1, VPS35, SEC24D, PSAP, UBC, ZC3HAV1, UBA6, UACA, ZFR, UCHL3, APP, EEF1B2P5, USP21,

Protein Size: 485

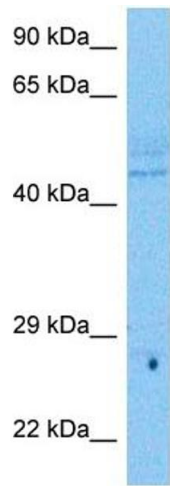
Gene ID:	84196
NCBI Accession:	NM_001032730 , NP_001027902

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 23 % 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.
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.



Western Blotting

Image 1. Host: Rabbit Target Name: UBP48 Sample Tissue: Human Lymph Node Tumor lysates Antibody Dilution: 1ug/ml