

Datasheet for ABIN2782561  
**anti-USP18 antibody (N-Term)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	100 µL
Target:	USP18
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Horse, Cow, Dog, Guinea Pig, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This USP18 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 USP18
Sequence:	MQDSRQKAVR PLELAYCLQK CNVPLFVQHD AAQLYLKLWN LIKDQITDVH
Predicted Reactivity:	Cow: 79%, Dog: 86%, Guinea Pig: 93%, Horse: 86%, Human: 100%, Mouse: 85%, Rabbit: 92%, Rat: 85%
Characteristics:	This is a rabbit polyclonal antibody against USP18. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

## Target Details

Target:	USP18
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## Target Details

Alternative Name:	USP18 ( <a href="#">USP18 Products</a> )
Background:	<p>USP18, a member of the deubiquitinating protease family of enzymes, removes ubiquitin adducts from a broad range of protein substrates. USP18, a member of the deubiquitinating protease family of enzymes, removes ubiquitin adducts from a broad range of protein substrates.[supplied by OMIM]. Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments. PRIMARYREFSEQ_SPAN PRIMARY_IDENTIFIER PRIMARY_SPAN COMP 1-232 AC008079.24 80964-81195 233-495 AC008079.24 88531-88793 496-592 AC008079.24 91145-91241 593-738 AC008079.24 92763-92908 739-818 AC008079.24 98228-98307 819-965 AC008079.24 98863-99009 966-1061 AC008079.24 100817-100912 1062-1229 AC008079.24 101726-101893 1230-1361 AC008079.24 104123-104254 1362-1411 AC008079.24 104766-104815 1412-2037 AC008079.24 107745-108370</p> <p>Alias Symbols: ISG43, UBP43</p> <p>Protein Interaction Partner: ISG15, UBC, SKP2, PCNA, TRIM54, IFNAR2, USP41, KDM3B, NME1, MYL6,</p> <p>Protein Size: 372</p>
Molecular Weight:	43 kDa
Gene ID:	11274
NCBI Accession:	<a href="#">NM_017414</a> , <a href="#">NP_059110</a>
UniProt:	<a href="#">Q9UMW8</a>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 372 AA
Restrictions:	For Research Use only

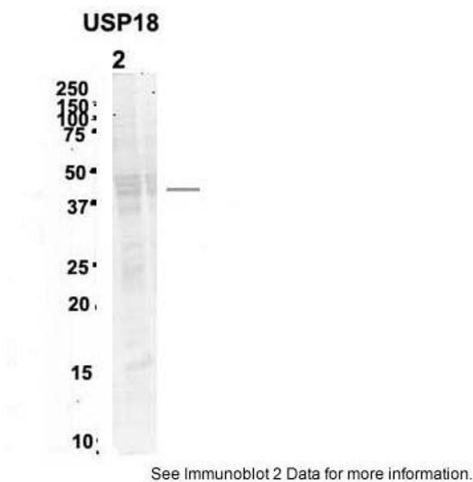
## Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

## Handling

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.

## Images



### Western Blotting

**Image 1. Sample Type:** 2. mouse brain extracts (80ug)

**Primary Antibody Dilution:** 2ug/ml

**Secondary Antibody:** IRDye 800CW goat anti-rabbit from Li-COR Bioscience

**Secondary Antibody Dilution:** 1: 20,000

**Image Submitted by:** Yuzhi Chen  
University of Arkansas for Medical Science



### Western Blotting

**Image 2.** WB Suggested Anti-USAntibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: Hela cell lysate