

Datasheet for ABIN2469597  
**anti-USP18 antibody (AA 40-49)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	0.05 mg
Target:	USP18
Binding Specificity:	AA 40-49
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This USP18 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunohistochemistry (IHC)

## Product Details

Immunogen:	USP18 antibody was raised against amino acids 40 - 49 of USP18 (Human).
Purification:	Immunoaffinity Chromatography

## Target Details

Target:	USP18
Alternative Name:	USP18 ( <a href="#">USP18 Products</a> )
Background:	UBP43 (also known as ISG43, Ubl thiolesterase 18, ISG15-specific processing protease, 43 kDa ISG15-specific protease, ubiquitin specific protease 18 or USP18) is a member of the deubiquitinating protease family of enzymes, which removes ubiquitin adducts from a broad range of protein substrates. Deletion of the UBP43 gene in mouse leads to a massive increase of ISG15 conjugates in tissues indicating that UBP43 is a major ISG15-specific protease. UBP43

## Target Details

is the first ISG15-specific protease reported. Both ISG15 and UBP43 genes are known to be strongly induced by interferon, genotoxic stress, and viral infection. Thus UBP43 may be necessary to maintain a critical cellular balance of ISG15-conjugated proteins in both healthy and stressed organisms.

Gene ID: 11274

UniProt: [Q9UMW8](#)

## Application Details

Application Notes: USP18 antibody can be used in ELISA starting at 1:10000 - 1:50000, Western Blot starting at 1:500 - 1:2000, immunohistochemistry starting at 5 µg/mL, and immunofluorescence.

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: 0.02 M potassium phosphate, 0.15 M sodium chloride, pH 7.2, 0.01 % sodium azide.

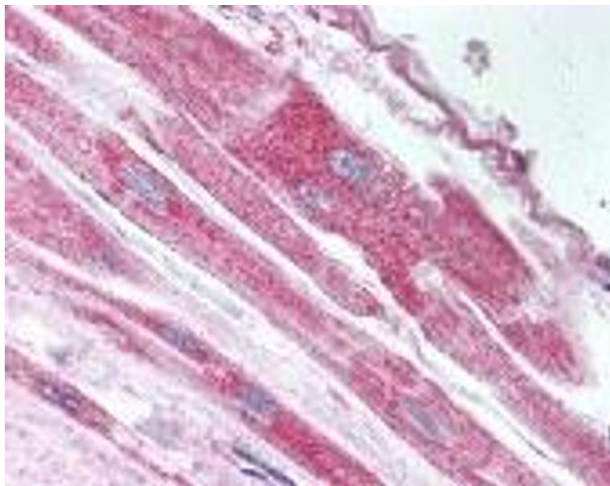
Preservative: Sodium azide

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

Handling Advice: As with all antibodies avoid freeze/thaw cycles.

Storage: 4 °C/-20 °C

Storage Comment: Store USP18 antibody at 4 °C or -20 °C.



#### Immunohistochemistry

**Image 1.**