

Datasheet for ABIN7271168

**anti-USP7 antibody**

## 4 Images

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## Overview

Quantity:	100 µL
Target:	USP7
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This USP7 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

## Product Details

Purpose:	USP7/HAUSP Rabbit mAb
Immunogen:	A synthesized peptide derived from human USP7/HAUSP
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

## Target Details

Target:	USP7
Alternative Name:	USP7 ( <a href="#">USP7 Products</a> )
Background:	The protein encoded by this gene belongs to the peptidase C19 family, which includes

## Target Details

ubiquitinyl hydrolases. This protein deubiquitinates target proteins such as p53 (a tumor suppressor protein) and WASH (essential for endosomal protein recycling), and regulates their activities by counteracting the opposing ubiquitin ligase activity of proteins such as HDM2 and TRIM27, involved in the respective process. Mutations in this gene have been implicated in a neurodevelopmental disorder. [provided by RefSeq, Mar 2016],HAUSP, TEF1,Cancer,Cell Biology & Developmental Biology,Cell Cycle,Cell Cycle\_Cell cycle inhibitors,Epigenetics & Nuclear Signaling,Tumor suppressors,Tumor suppressors\_p53 pathway,Ubiquitin,USP7

Molecular Weight: 128kDa

Gene ID: 7874

UniProt: [Q93009](#)

## Application Details

Application Notes: WB,1:500 - 1:2000, IHC,1:50 - 1:200

Restrictions: For Research Use only

## Handling

Format: Liquid

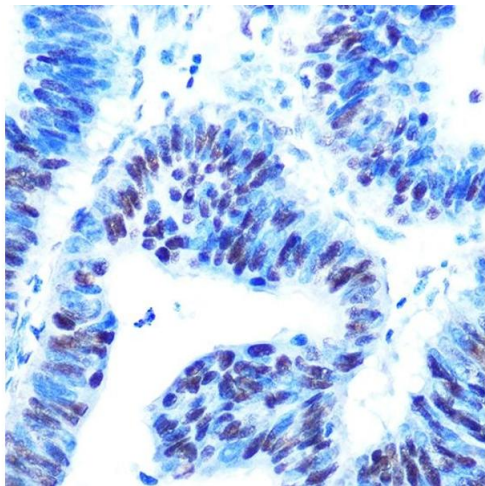
Buffer: PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.

Preservative: Sodium azide

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

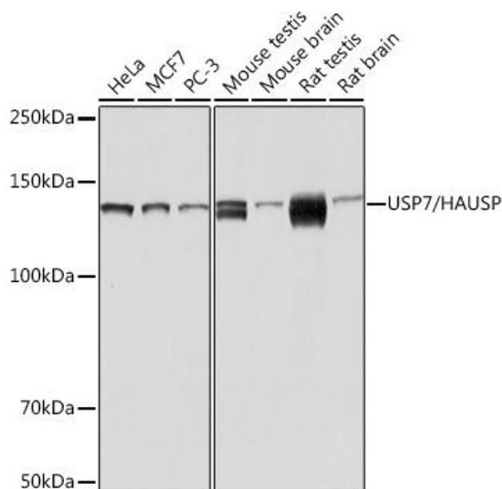
Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



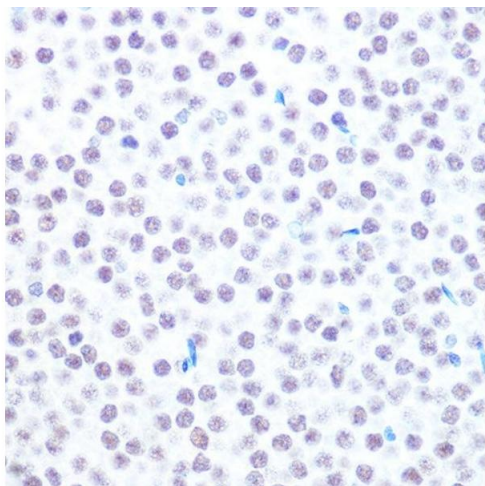
#### Immunohistochemistry

**Image 1.** Immunohistochemistry of paraffin-embedded human colon carcinoma using USP7/HAUSP Rabbit mAb (ABIN7271168) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



#### Western Blotting

**Image 2.** Western blot analysis of extracts of various cell lines, using USP7/HAUSP Rabbit mAb (ABIN7271168) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.



#### Immunohistochemistry

**Image 3.** Immunohistochemistry of paraffin-embedded rat brain using USP7/HAUSP Rabbit mAb (ABIN7271168) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7271168.