

Datasheet for ABIN7174344
anti-USP48 antibody (AA 358-508)[Go to Product page](#)

4 Images

Overview

Quantity:	100 µg
Target:	USP48
Binding Specificity:	AA 358-508
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This USP48 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Ubiquitin carboxyl-terminal hydrolase 48 protein (358-508AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	USP48
Alternative Name:	USP48 (USP48 Products)
Background:	Background: Recognizes and hydrolyzes the peptide bond at the C-terminal Gly of ubiquitin. Involved in the processing of poly-ubiquitin precursors as well as that of ubiquitinated proteins.

Target Details

May be involved in the regulation of NF-kappa-B activation by TNF receptor superfamily via its interactions with RELA and TRAF2. May also play a regulatory role at postsynaptic sites.

Aliases: AAH67261 antibody, Deubiquitinating enzyme 48 antibody, DKFZp762M1713 antibody, EC 3.1.2.15 antibody, Kiaa4202 antibody, MGC132556 antibody, MGC14879 antibody, RAP1GA1 antibody, Synaptic ubiquitin specific protease antibody, synUSP antibody, Ubiquitin carboxyl terminal hydrolase 48 antibody, Ubiquitin carboxyl-terminal hydrolase 48 antibody, Ubiquitin specific peptidase 48 antibody, Ubiquitin specific processing protease 48 antibody, Ubiquitin specific protease 31 antibody, Ubiquitin specific protease 48 antibody, Ubiquitin thioesterase 48 antibody, Ubiquitin thiolesterase 48 antibody, Ubiquitin-specific-processing protease 48 antibody, UBP48_HUMAN antibody, USP31 antibody, USP48 antibody

UniProt: [Q86UV5](#)

Application Details

Application Notes: Recommended dilution: WB:1:1000-1:5000, IHC:1:200-1:500, IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

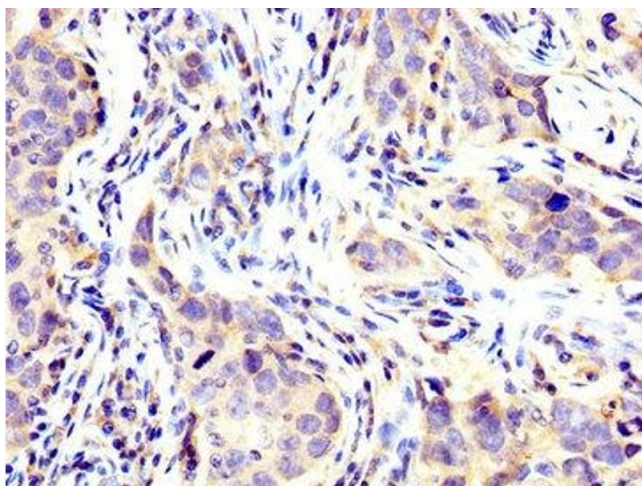
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

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

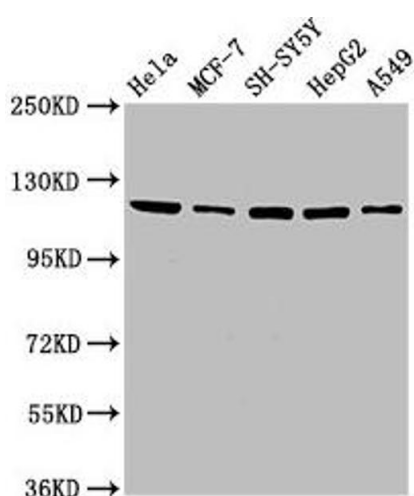
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



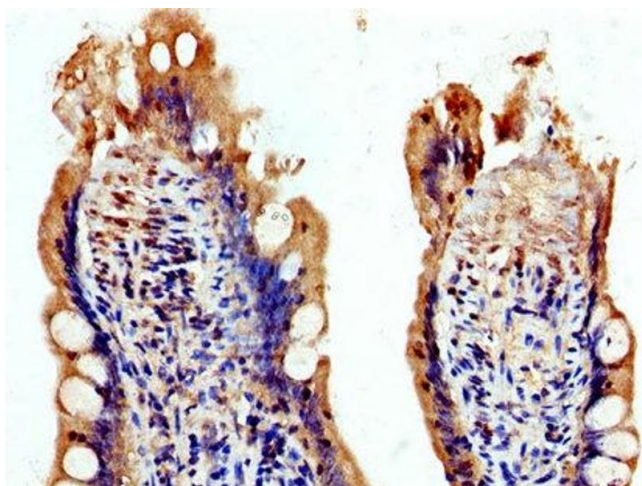
Immunohistochemistry

Image 1. IHC image of ABIN7174344 diluted at 1:200 and staining in paraffin-embedded human pancreatic cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



Western Blotting

Image 2. Western Blot Positive WB detected in: HeLa whole cell lysate, MCF-7 whole cell lysate, SH-SY5Y whole cell lysate, HepG2 whole cell lysate, A549 whole cell lysate. All lanes: USP48 antibody at 3.5 µg/mL. Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution. Predicted band size: 120, 113, 82, 46, 60, 18, 57, 121 kDa. Observed band size: 120 kDa.



Immunohistochemistry

Image 3. IHC image of ABIN7174344 diluted at 1:200 and staining in paraffin-embedded human small intestine tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7174344.