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Datasheet for ABIN7146960

anti-Caspase 7 antibody (AA 24-198)

5 Images

Overview

Quantity:	100 µg
Target:	Caspase 7 (CASP7)
Binding Specificity:	AA 24-198
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Caspase 7 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunoprecipitation (IP), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Caspase-7 protein (24-198AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	Caspase 7 (CASP7)
Alternative Name:	CASP7 (CASP7 Products)
Background:	Apoptosis-related cysteine peptidase antibody, Apoptotic protease Mch-3 antibody, CASP-7

Target Details

antibody, CASP7 antibody, CASP7_HUMAN antibody, Caspase-7 subunit p11 antibody, CMH-1 antibody, ICE-LAP3 antibody, ICE-like apoptotic protease 3 antibody

UniProt: [P55210](#)

Pathways: [Apoptosis](#), [Caspase Cascade in Apoptosis](#), [Positive Regulation of Endopeptidase Activity](#)

Application Details

Application Notes: Recommended dilution: WB:1:1000-1:5000, IHC:1:200-1:500, IF:1:50-1:200, IP:1:200-1:2000,

Restrictions: For Research Use only

Handling

Format: Liquid

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

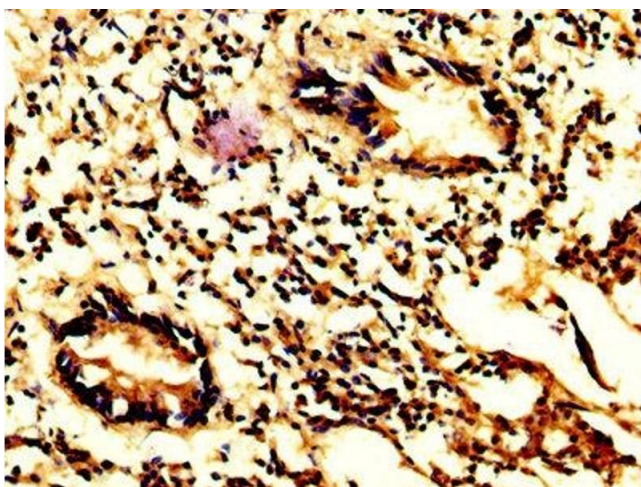
Preservative: ProClin

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

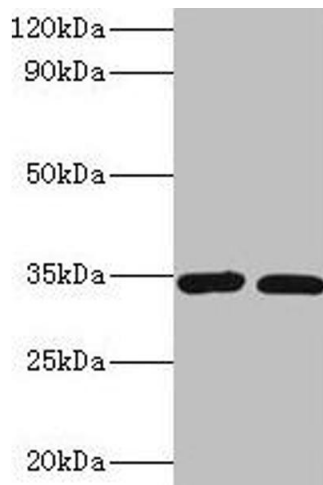
Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

Images



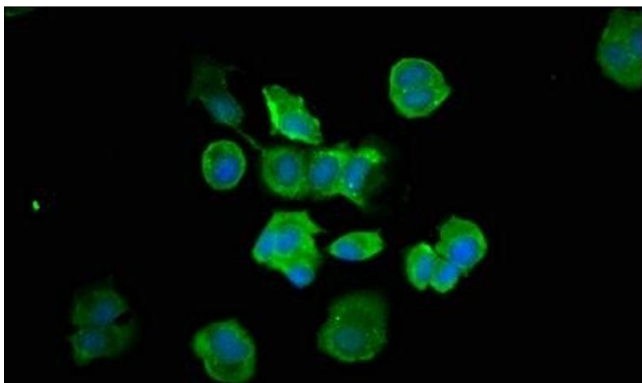
Immunohistochemistry

Image 1. IHC image of ABIN7146960 diluted at 1:200 and staining in paraffin-embedded human appendix 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.



Western Blotting

Image 2. Western blot All lanes: CASP7 antibody at 2 µg/mL
Lane 1: A549 whole cell lysate Lane 2: HGC-27 whole cell lysate
Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution
Predicted band size: 35, 29, 38, 32 kDa
Observed band size: 35 kDa



Immunofluorescence

Image 3. Immunofluorescence staining of MCF-7 cells with ABIN7146960 at 1:66, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN7146960.