



Datasheet for ABIN7261672 anti-Caspase 2 antibody



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4 Images

Overview

Quantity:	200 µL
Target:	Caspase 2 (CASP2)
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Caspase 2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant fusion protein of human Caspase-2 (NP_116764.2).
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

Target:	Caspase 2 (CASP2)
Alternative Name:	Caspase-2 (CASP2 Products)
Background:	This gene encodes a member of the cysteine-aspartic acid protease (caspase) family. Caspases mediate cellular apoptosis through the proteolytic cleavage of specific protein substrates. The encoded protein may function in stress-induced cell death pathways, cell cycle maintenance, and the suppression of tumorigenesis. Increased expression of this gene may

Target Details

play a role in neurodegenerative disorders including Alzheimer's disease, Huntington's disease and temporal lobe epilepsy. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.

Molecular Weight: Observed_MW: 48 kDa
Calculated_MW: 10 kDa/34 kDa/50 kDa

Gene ID: 835

UniProt: [P42575](#)

Pathways: [Apoptosis](#), [Caspase Cascade in Apoptosis](#), [Neurotrophin Signaling Pathway](#)

Application Details

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

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

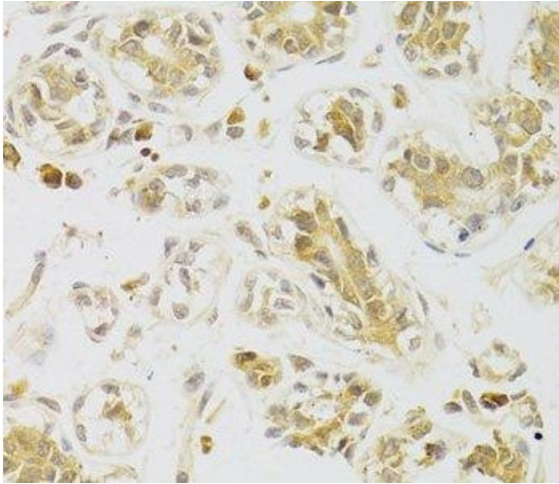
Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3

Preservative: Sodium azide

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

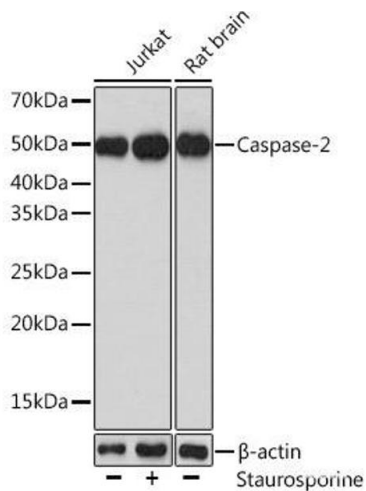
Storage: -20 °C

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



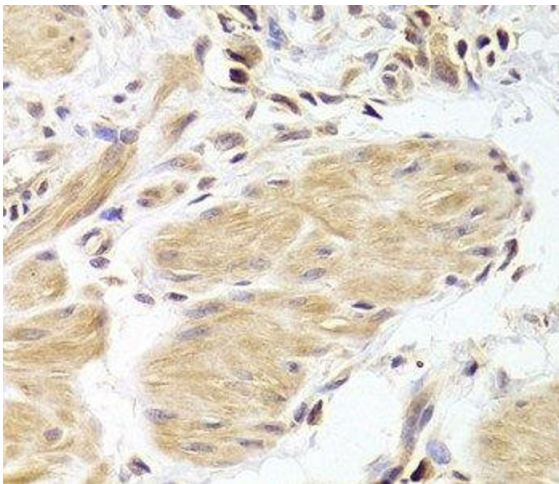
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of paraffin-embedded Human breast using Caspase-2 Polyclonal Antibody at dilution of 1:100 (40x lens).



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines using Caspase-2 Polyclonal Antibody at dilution of 1:1000. Jurkat cells were treated by Staurosporine(1uM) at room temperature for 3 hours.



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Immunohistochemistry of paraffin-embedded Human gastric cancer using Caspase-2 Polyclonal Antibody at dilution of 1:100 (40x lens).

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7261672.