

Datasheet for ABIN7266119  
**anti-Caspase 6 antibody**

## 4 Images

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## Overview

Quantity:	100 µL
Target:	Caspase 6 (CASP6)
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This Caspase 6 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

## Product Details

Purpose:	Caspase-6 Rabbit mAb
Immunogen:	A synthesized peptide derived from human Caspase-6.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

## Target Details

Target:	Caspase 6 (CASP6)
Alternative Name:	CASP6 ( <a href="#">CASP6 Products</a> )
Background:	This gene encodes a member of the cysteine-aspartic acid protease (caspase) family of

## Target Details

enzymes. Sequential activation of caspases plays a central role in the execution-phase of cell apoptosis. Caspases exist as inactive proenzymes which undergo proteolytic processing at conserved aspartic acid residues to produce two subunits, large and small, that dimerize to form the active enzyme. This protein is processed by caspases 7, 8 and 10, and is thought to function as a downstream enzyme in the caspase activation cascade. Alternative splicing of this gene results in multiple transcript variants that encode different isoforms. [provided by RefSeq, Oct 2015],CASP6,MCH2,caspase-6,Caspase-6 p18,Caspase-6,Apoptosis,Apoptosis\_Caspases,Apoptosis\_Inhibition of Apoptosis,Cell Biology & Developmental Biology,Death Receptor Signaling Pathway,ErbB-HER Signaling Pathway,Neurodegenerative Diseases,Neurodegenerative Diseases\_Amyloid Plaque and Neurofibrillary Tangle Formation in Alzheimers Disease,Neuroscience,Signal Transduction,CASP6

Molecular Weight: 18,33kDa

Gene ID: 839

UniProt: [P55212](#)

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

## Application Details

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

Restrictions: For Research Use only

## Handling

Format: Liquid

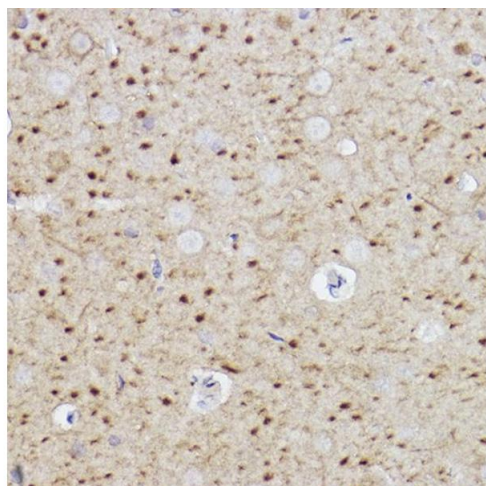
Buffer: PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.

Preservative: Sodium azide

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

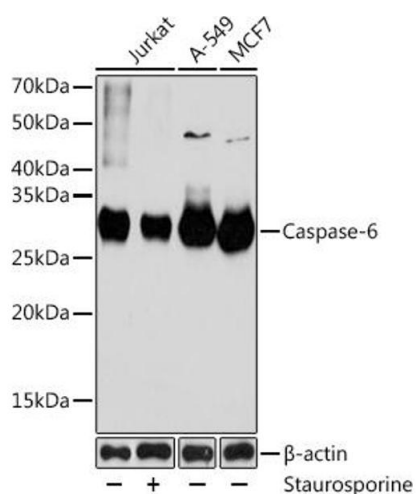
Storage: -20 °C

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



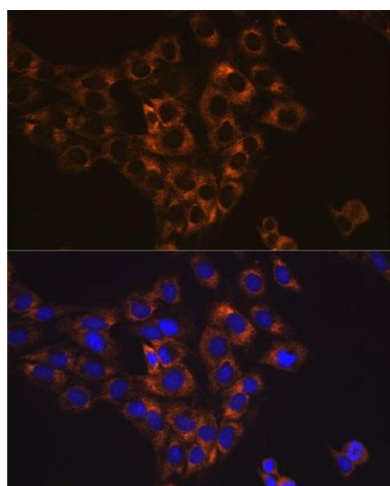
### Immunohistochemistry

**Image 1.** Immunohistochemistry of paraffin-embedded rat brain using Caspase-6 Rabbit mAb (ABIN7266119) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



### Western Blotting

**Image 2.** Western blot analysis of extracts of various cell lines, using Caspase-6 antibody (ABIN7266119) at 1:1000 dilution. Jurkat cells were treated by Staurosporine (1 μM) at room temperature for 3 hours. 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: 90s.



### Immunofluorescence

**Image 3.** Immunofluorescence analysis of C6 cells using Caspase-6 antibody (ABIN7266119). Blue: DAPI for nuclear staining.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7266119.