

Datasheet for ABIN6260471
anti-Caspase 10 antibody

2 Images

[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	Caspase 10 (CASP10)
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Caspase 10 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	A synthesized peptide derived from human CASP10
Isotype:	IgG
Specificity:	CASP10 Antibody detects endogenous levels of total CASP10
Cross-Reactivity:	Human, Mouse (Murine), Rat (Rattus)
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

Target Details

Target:	Caspase 10 (CASP10)
Alternative Name:	CASP10 (CASP10 Products)
Background:	Description: Involved in the activation cascade of caspases responsible for apoptosis

Target Details

execution. Recruited to both Fas- and TNFR-1 receptors in a FADD dependent manner. May participate in the granzyme B apoptotic pathways. Cleaves and activates caspase-3, -4, -6, -7, -8, and -9. Hydrolyzes the small- molecule substrates, Tyr-Val-Ala-Asp-I-AMC and Asp-Glu-Val-Asp-I-AMC.

Gene: CASP10

Molecular Weight: 59kDa

Gene ID: 843

UniProt: [Q92851](#)

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

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: Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.

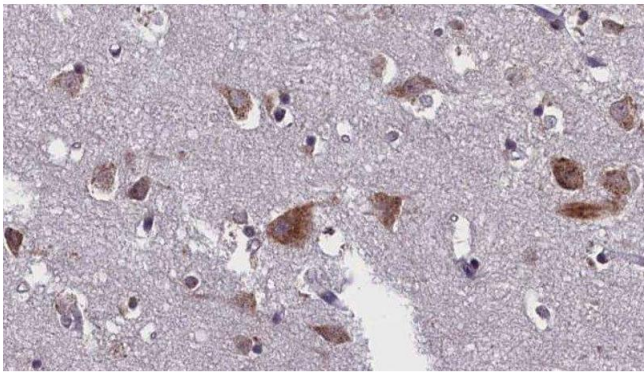
Preservative: Sodium azide

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

Storage: -20 °C

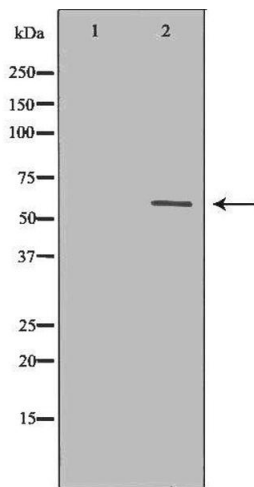
Storage Comment: Store at -20 °C.Stable for 12 months from date of receipt

Expiry Date: 12 months



Immunohistochemistry

Image 1. ABIN6276299 at 1/100 staining Human brain cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit antibody was used as the secondary



Western Blotting

Image 2. Western blot analysis of extracts of Jurkat using CASP10 Antibody. The lane on the left is treated with the antigen-specific peptide.