

Datasheet for ABIN7540611
anti-Caspase 12 antibody (Internal Region)



[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	Caspase 12 (CASP12)
Binding Specificity:	Internal Region
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Caspase 12 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Fluorescence Microscopy (FM)

Product Details

Purpose:	Caspase 12 Antibody
Immunogen:	Anti-Caspase 12 antibody was prepared from whole rabbit serum produced by repeated immunizations with a synthetic peptide corresponding to an internal portion of mouse Caspase 12 conjugated to Keyhole Limpet Hemocyanin (KLH).
Isotype:	IgG
Cross-Reactivity (Details):	This affinity purified antibody is directed against mouse Caspase 12.
Purification:	The antibody was affinity purified from monospecific antiserum by immunoaffinity purification.
Sterility:	Sterile filtered

Target Details

Target:	Caspase 12 (CASP12)
Alternative Name:	Casp12 (CASP12 Products)
Background:	Rabbit Anti-Caspase 12 Antibody, Caspase 12 pseudogene 1, Casp12, Casp-12, CASP12P1, Casp12 (Caspase 12 (Gene/Pseudogene)) has no protease activity. It may reduce cytokine release in response to bacterial lipopolysaccharide during infections. Caspase 12 reduces activation of NF-kappa-B in response to TNF. Caspases (cysteiny l aspartate proteases) are involved in the signaling pathways of apoptosis, necrosis and inflammation. These enzymes can be divided into initiators and effectors. The initiator isoforms are activated by, and interact with, upstream adaptor molecules. Anti-Caspase 12 Antibody is useful for researchers interested in Amyotrophic lateral sclerosis (ALS), ATP synthesis, and Apoptosis research.
Gene ID:	12364
NCBI Accession:	NP_033938
UniProt:	O08736
Pathways:	Apoptosis , ER-Nucleus Signaling , Positive Regulation of Endopeptidase Activity , Unfolded Protein Response

Application Details

Application Notes:	ELISA_Dilution: 1:10,000 - 1:50,000 IF_Microscopy_Dilution: 15 µg/mL Western_Blot_Dilution: 5 µg/mL
Comment:	Anti-Caspase 12 Antibody has been tested in ELISA, IF, and WB. Positive control used: NIH/3T3 and PC-12 lysates in Western Blot and NIH/3T3 in Immunofluorescence.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 Stabilizer: None Preservative: 0.01 % (w/v) Sodium Azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

Handling

should be handled by trained staff only.

Storage: 4 °C,-20 °C

Storage Comment: Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.

Expiry Date: 12 months