

Datasheet for ABIN388121

**anti-Caspase 10 antibody (AA 164-192)**[Go to Product page](#)**1** Image

## Overview

Quantity:	400 µL
Target:	Caspase 10 (CASP10)
Binding Specificity:	AA 164-192
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Caspase 10 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	This CASP10 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 164-192 amino acids from the Central region of human CASP10.
Clone:	RB18398
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

## Target Details

Target:	Caspase 10 (CASP10)
Alternative Name:	CASP10 ( <a href="#">CASP10 Products</a> )

## Target Details

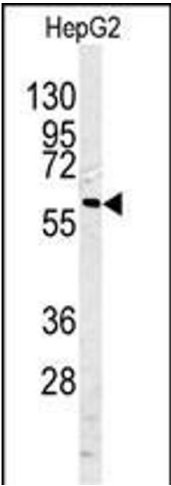
Background:	CASP10 is a member of the cysteine-aspartic acid protease (caspase) family. Sequential activation of caspases plays a central role in the execution-phase of cell apoptosis. Caspases exist as inactive proenzymes which undergo proteolytic processing at conserved aspartic residues to produce two subunits, large and small, that dimerize to form the active enzyme. This protein cleaves and activates caspases 3 and 7, and the protein itself is processed by caspase 8. Mutations in the protein are associated with apoptosis defects seen in type II autoimmune lymphoproliferative syndrome.
Molecular Weight:	58951
Gene ID:	843
NCBI Accession:	<a href="#">NP_001193453</a> , <a href="#">NP_001193471</a> , <a href="#">NP_001221</a> , <a href="#">NP_116756</a> , <a href="#">NP_116758</a> , <a href="#">NP_116759</a>
UniProt:	<a href="#">Q92851</a>
Pathways:	<a href="#">Apoptosis</a> , <a href="#">Caspase Cascade in Apoptosis</a>

## Application Details

Application Notes:	WB: 1:1000
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
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:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



Western Blotting

**Image 1.** Western blot analysis of CASP10 antibody (Center) (ABIN388121 and ABIN2846315) in HepG2 cell line lysates (35 µg/lane). CASP10 (arrow) was detected using the purified Pab.