

Datasheet for ABIN7213960  
**anti-Caspase 12 antibody (Internal Region)**



[Go to Product page](#)

1 Image

## Overview

Quantity:	100 µL
Target:	Caspase 12 (CASP12)
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Caspase 12 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Purpose:	Caspase 12 Polyclonal Antibody
Immunogen:	Synthesized peptide derived from the Internal region of human Caspase12
Isotype:	IgG
Specificity:	Caspase12 Polyclonal Antibody detects endogenous levels of Caspase12 protein.
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen

## Target Details

Target:	Caspase 12 (CASP12)
Alternative Name:	Caspase 12 ( <a href="#">CASP12 Products</a> )

## Target Details

---

**Background:** Rabbit Anti-Caspase12 Polyclonal Antibody,CASP12, Inactive caspase-12, CASP-12,Caspases are cysteine proteases that cleave C-terminal aspartic acid residues on their substrate molecules. CASP12 is most highly related to members of the ICE subfamily of caspases that process inflammatory cytokines. In rodents, the homolog of CASP12 mediates apoptosis in response to endoplasmic reticulum stress. However, in humans CASP12 contains a polymorphism for the presence or absence of a premature stop codon. The majority of human individuals have the premature stop codon and produce a truncated non-functional protein. The read-through codon occurs primarily in individuals of African descent and carriers have endotoxin hypo-responsiveness and an increased susceptibility to severe sepsis. Several alternatively spliced transcript variants have been noted for CASP12.,Inactive caspase-12

**Molecular Weight:** observed band 50kDa

**Gene ID:** 120329

**UniProt:** [Q6UXS9](#)

**Pathways:** [Apoptosis](#), [ER-Nucleus Signaling](#), [Positive Regulation of Endopeptidase Activity](#), [Unfolded Protein Response](#)

## Application Details

---

**Application Notes:** Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: WB (1:500-1:2000), IHC-P (1:100-1:300), ELISA (1:40000). Not yet tested in other applications.

**Comment:** Primary Antibody

**Restrictions:** For Research Use only

## Handling

---

**Format:** Liquid

**Concentration:** 1 mg/mL

**Buffer:** PBS containing 50 % Glycerol, 0.5 % BSA and 0.02 % 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:** -20 °C

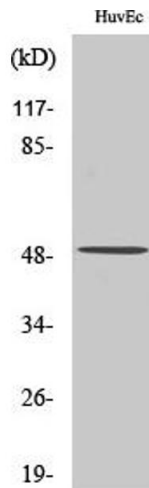
## Handling

---

Storage Comment: Stable for one year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing.

## Images

---



### Western Blotting

**Image 1.** Western Blot analysis of various cells using Caspase12 Polyclonal Antibody diluted at 1:500.