

Datasheet for ABIN7436840  
**anti-Caspase 4 antibody (AA 81-270)**

## 2 Images

[Go to Product page](#)

## Overview

Quantity:	100 µL
Target:	Caspase 4 (CASP4)
Binding Specificity:	AA 81-270
Reactivity:	Cow
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Caspase 4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

## Product Details

Purpose:	Polyclonal Antibody to Caspase 4 (CASP4)
Immunogen:	Recombinant Caspase 4 (CASP4) corresponding to Lys81~Asp270 (Accession # Q5E9C1)
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against CASP4. It has been selected for its ability to recognize CASP4 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Chicken, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

## Target Details

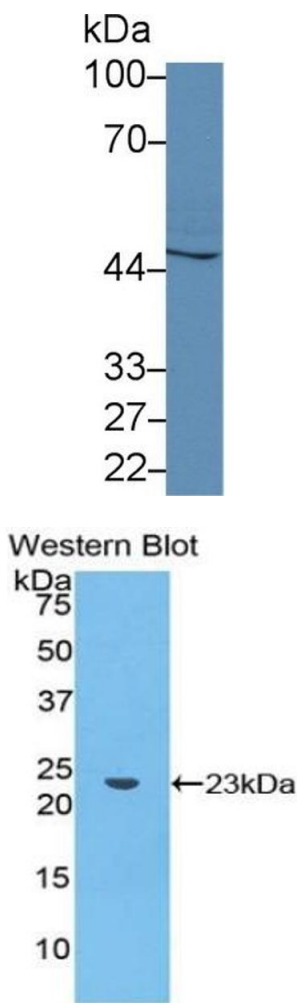
Target:	Caspase 4 (CASP4)
Alternative Name:	Caspase 4 ( <a href="#">CASP4 Products</a> )
Background:	ICE(rel)II, ICH2, TX, Protease ICH-2, CysteinyI Aspartate Specific Proteinases 4, Apoptosis-Related Cysteine Peptidase
Pathways:	<a href="#">Apoptosis</a> , <a href="#">Caspase Cascade in Apoptosis</a> , <a href="#">Positive Regulation of Endopeptidase Activity</a>

## Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 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:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



Western Blotting

**Image 1.** Detection of CASP4 in Bovine Serum using Polyclonal Antibody to Caspase 4 (CASP4)

Western Blotting

**Image 2.** Detection of Recombinant CASP4, Bovine using Polyclonal Antibody to Caspase 4 (CASP4)