



[Go to Product page](#)

Datasheet for ABIN7426751

## anti-Caspase 4 antibody (AA 81-270)

### 1 Image

#### Overview

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

#### Product Details

Purpose:	Monoclonal Antibody to Caspase 4 (CASP4)
Immunogen:	Recombinant Caspase 4 (CASP4) corresponding to Lys81~Asp270 (Accession # Q5E9C1)
Clone:	2#
Isotype:	IgG1 kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against CASP4. It has been selected for its ability to recognize CASP4 in immunohistochemical staining and western blotting.
Purification:	Protein A + Protein G affinity chromatography

## Target Details

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Target:	Caspase 4 (CASP4)
Alternative Name:	Caspase 4 ( <a href="#">CASP4 Products</a> )
Background:	ICE(rel)II, ICH2, TX, Protease ICH-2, Cysteiny 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

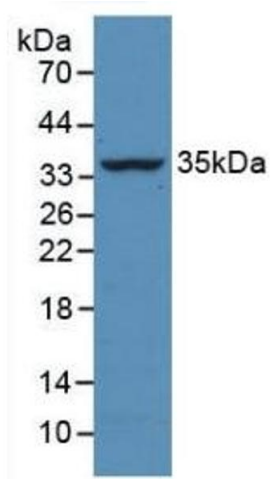
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Application Notes:	Western blotting: 0.5-5 µg/mL Immunohistochemistry: 5-30 µg/mL Immunocytochemistry: 5-30 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate 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

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Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: 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 Recombinant CASP4, Bovine using Monoclonal Antibody to Caspase 4 (CASP4)