

**Product Name: Caspase 11 Rabbit Monoclonal Antibody**  
**Catalog #: AMRe01761**



## Summary

<b>Production Name</b>	Caspase 11 Rabbit Monoclonal Antibody
<b>Description</b>	Rabbit Monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IP
<b>Reactivity</b>	Human,Mouse,Rat

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
<b>Purification</b>	Affinity Purification

## Immunogen

<b>Gene Name</b>	Casp4
<b>Alternative Names</b>	Caspl; ich-3; CASP-4; Casp11; CASP-11
<b>Gene ID</b>	12363.0
<b>SwissProt ID</b>	P70343.

## Application

<b>Dilution Ratio</b>	WB: 1:500-1:1000 IP: 1:20
<b>Molecular Weight</b>	Calculated MW: 43 kDa; Observed MW: 43,38,25 kDa

## Background

Proinflammatory caspase. Essential effector of NLRP3 inflammasome-dependent CASP1 activation and IL1B and IL18

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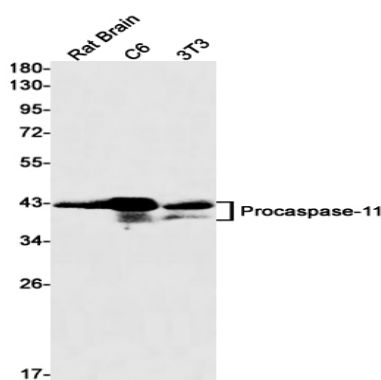


secretion in response to non-canonical activators, such as UVB radiation, cholera enterotoxin subunit B and cytosolic LPS, as well as infection with Gram-negative bacteria. Independently of NLRP3 inflammasome and CASP1, promotes pyroptosis, through GSDMD cleavage and activation, and IL1A, IL18 and HMGB1 release in response to non-canonical inflammasome activators.

## Research Area

Cell Biology

## Image Data



Western blot analysis of Caspase11 in C6, 3T3, Hela lysates using Caspase 11 antibody.

## Note

For research use only.