



# Caspase 11 Rabbit mAb

<b>Catalog No</b>	BYab-17825
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human,Mouse,Rat
<b>Applications</b>	WB,IP
<b>Gene Name</b>	Casp4
<b>Alternative Names</b>	Casp1; ich-3; CASP-4; Casp11; CASP-11
<b>Research Field</b>	Cell Biology
<b>Product Categories</b>	Primary antibody
<b>Host</b>	Rabbit
<b>Molecular Weight</b>	Calculated MW: 43 kDa; Observed MW: 43,38,25 kDa
<b>Clonality</b>	Monoclonal Antibody
<b>Clonality No.</b>	R09-7H9
<b>Dilution</b>	WB: 1/500-1/1000 IP: 1/20
<b>Immunogen</b>	Recombinant protein of mouse Caspase-11
<b>Purification</b>	Affinity Purified
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Form</b>	Liquid
<b>Buffer System</b>	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Background</b>	Proinflammatory caspase. Essential effector of NLRP3 inflammasome-dependent CASP1 activation and IL1B and IL18 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

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activation, and IL1A, IL18 and HMGB1 release in response to non-canonical inflammasome activators.

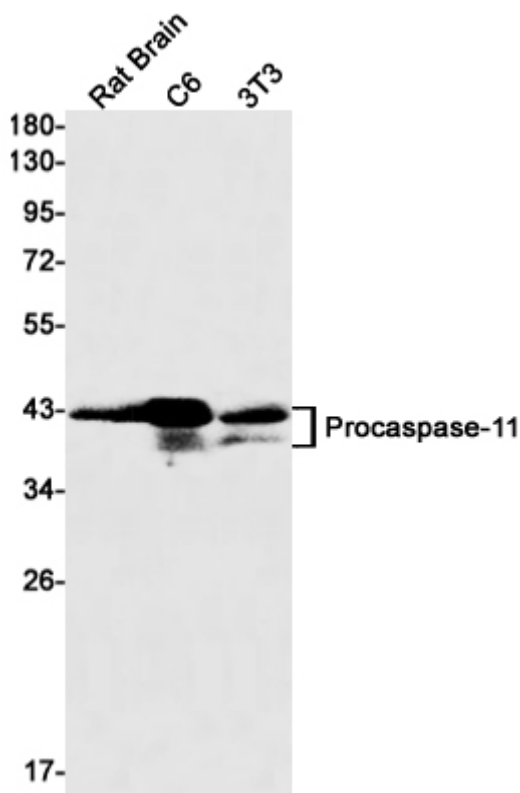
**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images



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