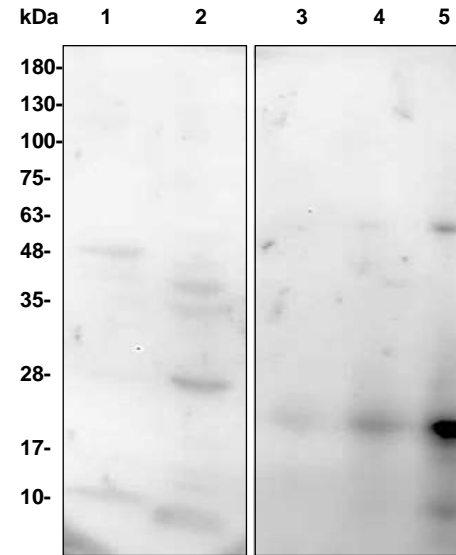


# Caspase-1 Antibody

<b>ALTERNATE NAMES:</b>	CASP-1, Interleukin-1 beta convertase, IL-1BC, Interleukin-1 beta-converting enzyme, ICE, IL-1 beta-converting enzyme
<b>CATALOG #:</b>	6687-100
<b>AMOUNT:</b>	100 µg
<b>HOST:</b>	Rabbit
<b>IMMUNOGEN:</b>	Mouse Recombinant Caspase 1, Cat # 1181
<b>INTERNAL ID:</b>	BV-N91
<b>PURIFICATION:</b>	Affinity purified rabbit IgG
<b>FORM:</b>	Liquid
<b>FORMULATION:</b>	100 µg (0.5 mg/ml) of antibody in PBS pH7.2, 0.01 % BSA, 0.03 % ProClin®, and 50 % glycerol
<b>SPECIES REACTIVITY:</b>	Human, mouse
<b>STORAGE CONDITIONS:</b>	Store at -20°C. Avoid repeated freeze/thaw cycles.
<b>DESCRIPTION:</b>	Caspase-1 (also known as ICE) is a prototypical member of the caspase-family of cysteine proteases. Caspase-1 exists in cells as an inactive 45 kDa proenzyme. The pro-enzyme is matured by proteolysis to yield large (20 kDa) and small (10 kDa) subunits. The active caspase-1 is a heterotetramer consisting of two large and two small subunits. To date the regulatory mechanism of caspase-1 activation and the role of caspase-1 in apoptosis are poorly understood. In THP-1 cells, a large proportion of the caspase-1 is present in the inactive proenzyme form.
<b>APPLICATION:</b>	Western blot: 1-4 µg
<b>Note:</b>	This information is only intended as a guide. The optimal dilutions must be determined by the user.



#### Western blot with caspase-1 Antibody.

Lane 1: 60 µg Jurkat cell lysate  
 Lane 2: 33 µg Mouse muscle lysate  
 Lane 3: 1 ng Mouse Recombinant Caspase 1, Cat # 1181  
 Lane 4: 5 ng Mouse Recombinant Caspase 1, Cat # 1181  
 Lane 5: 25 ng Mouse Recombinant Caspase 1, Cat # 1181

#### RELATED PRODUCTS:

- Caspase-1, human recombinant (Cat. No. 1081-25, -100)
- Caspase-2, human recombinant (Cat. No. 1082-25, -100)
- Caspase-3, human recombinant (Cat. No. 1083-5, -10, -25, -100)
- Caspase-3, mouse recombinant (Cat. No. 1183-25, -100)
- Caspase-3 Proform, mouse recombinant (Cat. No. 1183P-5)
- Caspase-3, rat recombinant (Cat. No. 1283-25, -100)
- Caspase-4, human recombinant (Cat. No. 1084-25, -100)
- Caspase-5, human recombinant (Cat. No. 1085-25, -100)
- Caspase-6, human recombinant (Cat. No. 1086-25, -100)
- Caspase-7, human recombinant (Cat. No. 1087-25, -100)
- Caspase-8, human recombinant (Cat. No. 1088-25, -100)
- Caspase-8, mouse recombinant (Cat. No. 1188-25, -100)
- Caspase-9, human recombinant (Cat. No. 1089-25, -100)
- Caspase-9 Proform, human recombinant (Cat. No. 1089P-50)

**FOR RESEARCH USE ONLY! Not to be used on humans.**