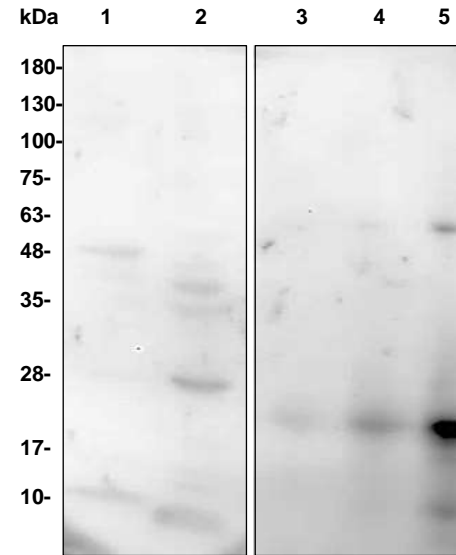


Caspase-1 Antibody

ALTERNATE NAMES:	CASP-1, Interleukin-1 beta convertase, IL-1BC, Interleukin-1 beta-converting enzyme, ICE, IL-1 beta-converting enzyme
CATALOG #:	6687-100
AMOUNT:	100 µg
HOST:	Rabbit
IMMUNOGEN:	Mouse Recombinant Caspase 1, Cat # 1181
INTERNAL ID:	BV-N91
PURIFICATION:	Affinity purified rabbit IgG
FORM:	Liquid
FORMULATION:	100 µg (0.5 mg/ml) of antibody in PBS pH7.2, 0.01 % BSA, 0.03 % ProClin®, and 50 % glycerol
SPECIES REACTIVITY:	Human, mouse
STORAGE CONDITIONS:	Store at -20°C. Avoid repeated freeze/thaw cycles.
DESCRIPTION:	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.
APPLICATION:	Western blot: 1-4 µg
Note:	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.