

**RABBIT ANTI-CASPASE-1 [ICE]
POLYCLONAL ANTIBODY**

CATALOG NUMBER:	AB1871	QUANTITY:	50 µg
LOT NUMBER:	xxxxxx	CONCENTRATION:	0.2 mg/mL
BACKGROUND:	Caspase-1 (ICE, interleukin-1β-converting enzyme) is the mammalian caspase responsible for the proteolytic conversion of the proforms of interleukin-1β and IL-18 into active cytokines. Like other caspases, caspase-1 itself is synthesized as a proenzyme that is cleaved during activation into large (20 kDa) and small (10 kDa) subunits.		
SPECIFICITY:	AB1871 recognizes the 45 kDa procaspase-1 as well as the 20 kDa cleaved caspase-1.		
IMMUNOGEN:	Synthetic peptide.		
APPLICATIONS:	Western blot: 1-4 µg/mL Immunoprecipitation: 4-8 µg/mL Immunofluorescence: 10-20 µg/mL Optimal working dilutions must be determined by end user.		
SPECIES REACTIVITIES:	Reacts with human, mouse, rat. Reactivity with other species has not been determined.		
FORMAT:	Affinity purified immunoglobulin		
PRESENTATION:	Liquid in PBS, pH 7.2, containing 30% glycerol, 0.5% BSA and 0.01% thimerosol.		
STORAGE/HANDLING:	Maintain frozen at -20°C. For optimal storage, aliquot and freeze at -20°C to -70°C. Avoid repeated freeze/thaw cycles.		

Important Note: *During shipment, small volumes of product will occasionally become entrapped in the seal of the product vial. For products with volumes of 200 µL or less, we recommend gently tapping the vial on a hard surface or briefly centrifuging the vial in a tabletop centrifuge to dislodge any liquid in the container's cap.*

For research use only; not for use as a diagnostic.

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