

Caspase-1 Antibody

Rabbit mAb

Catalog # AP90455

Product Information

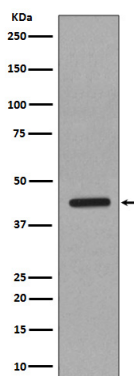
Application	WB, IHC
Primary Accession	P29466
Reactivity	Rat, Human
Clonality	Monoclonal
Other Names	CASP-1; ICE; IL-1 beta converting enzyme; IL-1BC; IL1BCE; caspase-1;
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	45 KDa

Additional Information

Dilution	WB 1:500~1:2000 IHC 1:50~1:200
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human Caspase-1
Description	Thiol protease that cleaves IL-1 beta between an Asp and an Ala, releasing the mature cytokine which is involved in a variety of inflammatory processes. Important for defense against pathogens. Cleaves and activates sterol regulatory element binding proteins (SREBPs). Can also promote apoptosis.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Protein Information

Images



Western blot analysis of Caspase-1 in HeLa cell lysate.

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Immunohistochemical analysis of paraffin-embedded human liver, using Caspase-1 Antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.