

Rabbit anti-Human Caspase 4 Polyclonal Antibody | anti-CASP4 antibody

Anti-Caspase 4 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA45079	Rabbit	Human	Immunohistochemistry, Western Blot

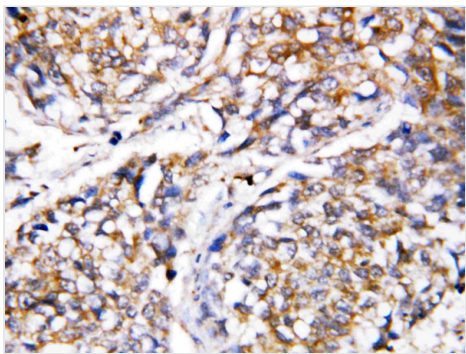
PRODUCT SYNONYMS

Caspase 4; Polyclonal Antibody; Anti-Caspase 4 antibody; Caspase-4; caspase 4; apoptosis-related cysteine peptidase; Apoptosis related cysteine peptidase antibody; Apoptotic cysteine protease Mih1/TX antibody; CASP 4 antibody; CASP-4 antibody; CASP4 antibody; CASP4_HUMAN antibody; Caspase 4 apoptosis related cysteine peptidase antibody; Caspase-4 subunit 2 antibody; Caspase4 antibody; ICE(rel) II antibody; ICE(rel)-II antibody; ICE(rel)II antibody; ICEREL II antibody; ICERELII antibody; ICH 2 antibody; ICH 2 protease antibody; ICH2 antibody; Mih1/TX antibody; Protease ICH-2 antibody; Protease TX antibody; TX antibody; TX protease antibody; anti-CASP4 antibody

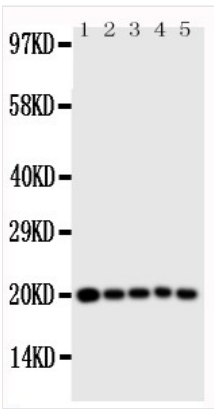
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	377
Applicable Applications for anti-CASP4 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of human Caspase 4 (104-124aa DALKLCPHEEFLRLCKERAEE).
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



IHC (Immunohistochemistry)
Anti-Caspase 4 antibody, AAA45079, IHC(P)IHC(P): Human Mammary Cancer Tissue



WB (Western Blot)
Anti-Caspase 4 antibody, AAA45079, Western blottingAll lanes: Anti Caspase 4 (AAA45079) at 0.5ug/mlLane 1: MCF-7 Whole Cell Lysate at 40ugLane 2: HELA Whole Cell Lysate at 40ugLane 3: JURKAT Whole Cell Lysate at 40ugLane 4: CEM Whole Cell Lysate at 40ugLane 5: SW620 Whole Cell Lysate at 40ugPredicted bind size: 43KDObserved bind size: 20KD

ADDITIONAL INFORMATION

Related Product Information for anti-CASP4 antibody

Description: Rabbit IgG polyclonal antibody for Caspase-4(CASP4) detection. Tested with WB, IHC-P in Human.
Background: Caspase 4 is an enzyme that proteolytically cleaves other proteins at an aspartic acid residue, and belongs to a family of cysteine proteases called caspases. The Caspase 4 gene is mapped to a P1 clone containing the ICE gene, which is located at chromosome 11q22.2-q22.3. It contains 8 coding exons.The function of caspase 4 is not fully known, but it is believed to be an inflammatory caspase, along with caspase 1, caspase 5(and the murine homolog caspase 11), with a role in the immune system.

NCBI AND UNIPROT INFORMATION

NCBI GI #	1352420
NCBI GeneID	837
UniProt Accession #	P49662; A2NHL8; A2NHM0
Molecular Weight	36,705 Da
NCBI Official Full Name	Caspase-4
NCBI Official Synonym Full Names	caspase 4, apoptosis-related cysteine peptidase
NCBI Official Symbol	CASP4
NCBI Official Synonym Symbols	TX; ICH-2; Mih1/TX; ICEREL-II; ICE(rel)II
NCBI Protein Information	caspase-4; CASP-4; ICE(rel)-II; protease TX; protease ICH-2; apoptotic cysteine protease Mih1/TX; caspase 4, apoptosis-related cysteine protease
UniProt Protein Name	Caspase-4
UniProt Gene Name	CASP4
UniProt Synonym Gene Names	ICH2; CASP-4
UniProt Entry Name	CASP4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.