

Rabbit CASP12 Polyclonal Antibody | anti-CASP12 antibody

CASP12 Polyclonal Antibody

CATALOG # AAA170463	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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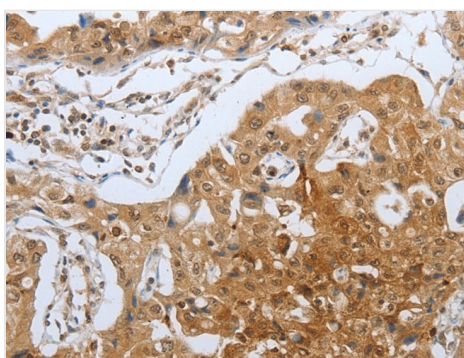
PRODUCT SYNONYMS

CASP12; Polyclonal Antibody; CASP12 Polyclonal Antibody; CASP-12; CASP12P1; anti-CASP12 antibody

PRODUCT SPECIFICATIONS

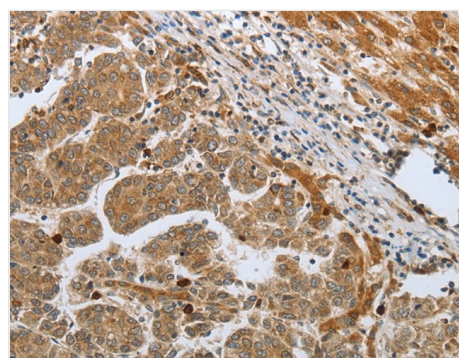
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	1.5mg/mL (varies by lot)
Sequence Length	420
Applicable Applications for anti-CASP12 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Synthetic peptide of human CASP12
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



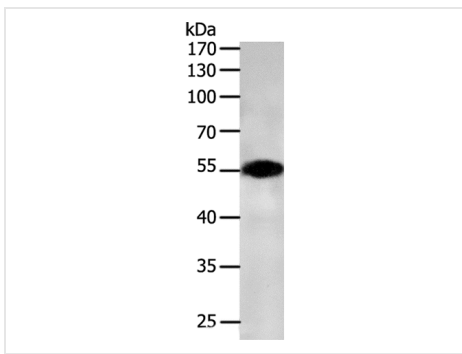
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human lung cancer using CASP12 Polyclonal Antibody at dilution of 1:50



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human liver cancer using CASP12 Polyclonal Antibody at dilution of 1:50



WB (Western Blot)

Western Blot analysis of NIH/3T3 cell using CASP12 Polyclonal Antibody at dilution of 1:700

ADDITIONAL INFORMATION

Related Product Information for anti-CASP12 antibody	Caspases are cysteine proteases that cleave C-terminal aspartic acid residues on their substrate molecules. This gene is most highly related to members of the ICE subfamily of caspases that process inflammatory cytokines. In rodents, the homolog of this gene mediates apoptosis in response to endoplasmic reticulum stress. However, in humans this gene contains a polymorphism for the presence or absence of a premature stop codon. The majority of human individuals have the premature stop codon and produce a truncated non-functional protein. The read-through codon occurs primarily in individuals of African descent and carriers have endotoxin hypo-responsiveness and an increased susceptibility to severe sepsis. Several alternatively spliced transcript variants have been noted for this gene.
Product Categories/Family for anti-CASP12 antibody	Cancer; Cell biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	18426852
NCBI GeneID	156117
NCBI Accession #	NP_569106.1
NCBI GenBank Nucleotide #	NM_130422.1
Molecular Weight	47,837 Da
NCBI Official Full Name	caspase-12
NCBI Official Synonym Full Names	caspase 12
NCBI Official Symbol	Casp12
NCBI Protein Information	caspase-12; CASP-12
UniProt Protein Name	Caspase-12
UniProt Gene Name	Casp12
UniProt Synonym Gene Names	CASP-12
UniProt Entry Name	CASPC_RAT

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/casp12-antibody-immunohistochemistry-western-blot-elisa/170463>