

Rabbit anti-Human, Mouse CASP12 Polyclonal Antibody | anti-CASP12 antibody

CASP12 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA305177	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot

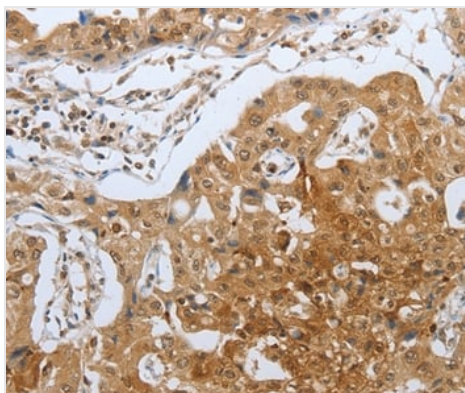
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

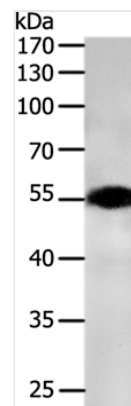
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total CASP12 protein.
Purity/Purification	Antigen affinity purification.
Form/Format	Rabbit IgG in pH7.3 PBS, 0.05% NaN ₃ , 50% Glycerol.
Concentration	1.5 mg/ml (varies by lot)
Sequence Length	341
Applicable Applications for anti-CASP12 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human Caspase 12 (gene/pseudogene)
Target Name	CASP12
Preparation and Storage	Store at -20 degree C

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human lung cancer tissue using at dilution 1/50.



Application Data

Gel: 10%SDS-PAGE Lysate: 50ug NIH/3T3 cell Primary antibody: 1/700 dilution Secondary antibody dilution: 1/8000 Exposure time: 2 minutes

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	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	617418490
NCBI GeneID	100506742
NCBI Accession #	NP_001177945.2
NCBI GenBank Nucleotide #	NM_001191016.2
UniProt Accession #	Q6UXS9; D6RBN7
Molecular Weight	29,399 Da
NCBI Official Full Name	inactive caspase-12
NCBI Official Synonym Full Names	caspase 12 (gene/pseudogene)
NCBI Official Symbol	CASP12
NCBI Official Synonym Symbols	CASP-12; CASP12P1
NCBI Protein Information	inactive caspase-12
UniProt Protein Name	Inactive caspase-12
UniProt Gene Name	CASP12
UniProt Synonym Gene Names	CASP-12
UniProt Entry Name	CASPC_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/casp12-antibody-immunohistochemistry-western-blot-elisa/305177>