

Rabbit Casp12 Polyclonal Antibody | anti-CASP12 antibody

Casp12 Rabbit pab Antibody

CATALOG # AAA36792	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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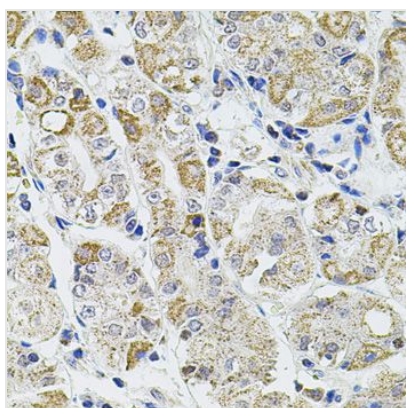
PRODUCT SYNONYMS

Casp12; Polyclonal Antibody; Casp12 Rabbit pab Antibody; CASP12 ; Casp12 ; Inactive caspase 12; Caspase12; caspase 12 (gene/pseudogene); CASP12P1; CASP12; anti-CASP12 antibody

PRODUCT SPECIFICATIONS

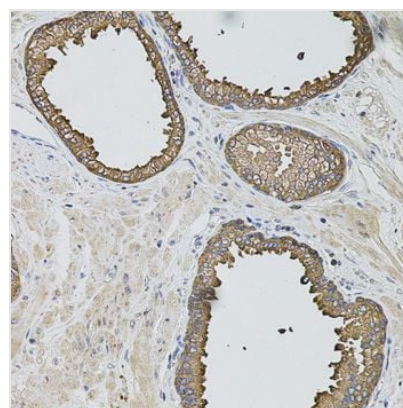
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	Liquid
Sequence Length	341
Applicable Applications for anti-CASP12 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic -peptide of human casp12
Buffer	PBS with 0.1% Sodium Azide, 50% Glycerol,
Preparation and Storage	Upon delivery aliquot and store at -20 degree C or -80 degree C.

IMAGES



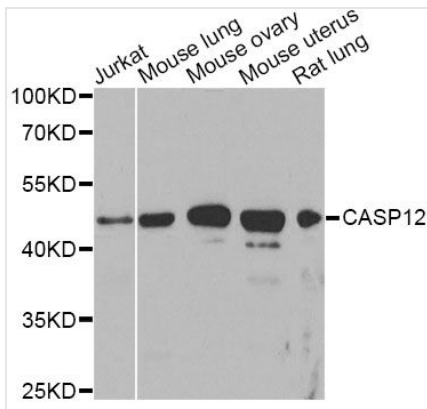
IHC (Immunohistochemisry)

Immunohistochemistry of paraffin-embedded human stomach using CASP12 antibody at dilution of 1:100 (40x lens).



IHC (Immunohiostchemistry)

Immunohistochemistry of paraffin-embedded human prostate using CASP12 antibody at dilution of 1:100 (20x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using CASP12 Antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-CASP12 antibody	Rabbit polyclonal to casp12 Caspase-12 is located in the endoplasmic reticulum (ER). It is responsible for ER-stress-induced apoptosis, such as high calcium concentration, low oxygen and low glucose levels (1,2). One of the mechanisms for caspase-12 activation is related to calpain mediated cleavage at T132 and K158, both of which are located at the amino-terminal region of the caspase-12 (2,3). Caspase-12 also has a putative caspase cleavage site located at the carboxy-terminal region of the protein (3). In cortical neurons, caspase-12 is involved at least partially in the amyloid-beta neurotoxicity process (1).
References	1. Nakagawa, T. et al. (2000) Nature 403, 98-103. 2. Nakagawa, T. and Yuan, J. (2000) J. Cell Biol. 150, 887-894. 3. Van de Craen, M. et al. (1997) FEBS Lett. 403, 61-69.

NCBI AND UNIPROT INFORMATION

NCBI GI #	300360580
NCBI GeneID	100506742
NCBI Accession #	NP_001177945.1
NCBI GenBank Nucleotide #	NM_001191016.1
UniProt Accession #	Q6UXS9; D6RBN7
Molecular Weight	341
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; caspase 12 pseudogene 1
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://www.aaabiotech.com/polyclonal/casp12-antibody-immunohistochemistry-western-blot-elisa/36792>