

Rabbit casp9 Polyclonal Antibody | anti-casp9 antibody

Rabbit polyclonal to casp9

CATALOG # AAA36733	HOST Rabbit	REACTIVITY Human, mouse, rat	APPLICATIONS Western Blot
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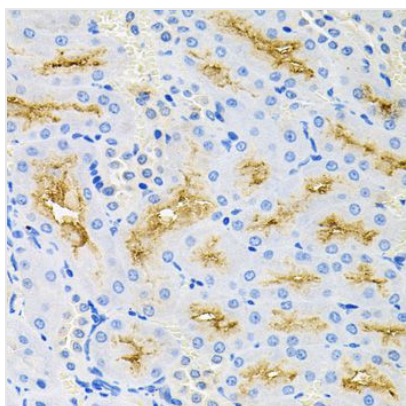
PRODUCT SYNONYMS

casp9; Polyclonal Antibody; Rabbit polyclonal to casp9; CASP9 Rabbit pab Antibody; anti-casp9 antibody

PRODUCT SPECIFICATIONS

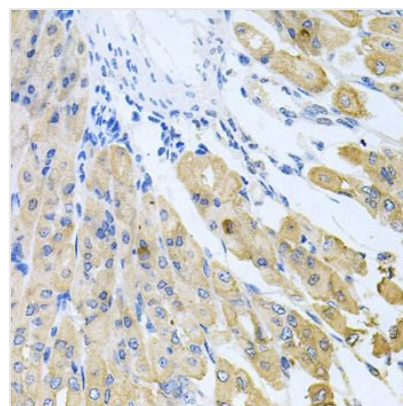
Host	Rabbit
Reactivity	Human, mouse, rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purified
Form/Format	Liquid
Concentration	1mg/ml (varies by lot)
Sequence Length	416
Applicable Applications for anti-casp9 antibody	WB (Western Blot)
Immunogen	A Fusion protein of human casp9
Storage 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



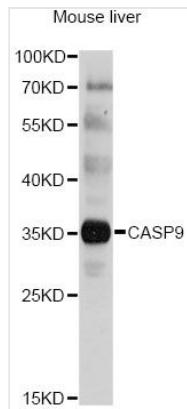
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat kidney using CASP9 antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse stomach using CASP9 antibody at dilution of 1:100 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of mouse liver, using CASP9 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-casp9 antibody	Caspase-9 (ICE-LAP6, Mch6) is an important member of the cysteine aspartic acid protease (caspase) family (1,2). Upon apoptotic stimulation, cytochrome c released from mitochondria associates with the 47 kDa procaspase-9/Apaf 1. Apaf-1 mediated activation of caspase-9 involves intrinsic proteolytic processing resulting in cleavage at Asp315 and producing a p35 subunit. Another cleavage occurs at Asp330 producing a p37 subunit that can serve to amplify the apoptotic response (3-6). Cleaved caspase-9 further processes other caspase members, including caspase-3 and caspase-7, to initiate a caspase cascade, which leads to apoptosis (7-10).
References	1. Duan, H. et al. (1996) J. Biol. Chem. 271, 16720-16724. 2. Srinivasula, S. M. et al. (1996) J. Biol. Chem. 271, 27099-27106. 3. Liu, X. et al. (1996) Cell 86, 147-157. 4. Li, P. et al. (1997) Cell 91, 479-489. 5. Zou, H. et al. (1999) J. Biol. Chem. 274, 11549-11556.

NCBI AND UNIPROT INFORMATION

NCBI GI #	14790124
NCBI GeneID	842
NCBI Accession #	NP_001220.2; NP_127463.2
NCBI GenBank Nucleotide #	NM_001229.3
UniProt Accession #	P55211; O95348; Q53Y70; Q5JRU9; Q5UGI1; Q92852; Q9BQ62; Q9UEQ3; Q9UIJ8
Molecular Weight	46,281 Da
NCBI Official Full Name	caspase-9 isoform alpha preproprotein
NCBI Official Synonym Full Names	caspase 9, apoptosis-related cysteine peptidase
NCBI Official Symbol	CASP9
NCBI Official Synonym Symbols	MCH6; APAF3; APAF-3; PPP1R56; ICE-LAP6; CASPASE-9c
NCBI Protein Information	caspase-9; apoptotic protease MCH-6; ICE-like apoptotic protease 6; apoptotic protease activating factor 3; protein phosphatase 1, regulatory subunit 56
UniProt Protein Name	Caspase-9
UniProt Gene Name	CASP9
UniProt Synonym Gene Names	MCH6; CASP-9; APAF-3; ICE-LAP6

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/polyclonal/casp9-antibody-western-blot-elisa/36733>