Rabbit anti-Human Caspase-8 Monoclonal Antibody | anti-CASP8 antibody

[KO Validated] Caspase-8 Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA282735	**Rabbit**	**Human**	**ELISA, Western Blot**

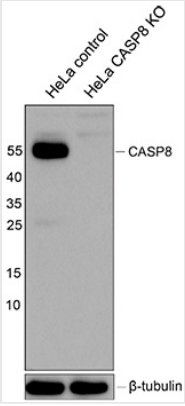
PRODUCT SYNONYMS

Caspase-8; Monoclonal Antibody; [KO Validated] Caspase-8 Rabbit mAb; CAP4; MACH; MCH5; FLICE; ALPS2B; Casp-8; anti-CASP8 antibody

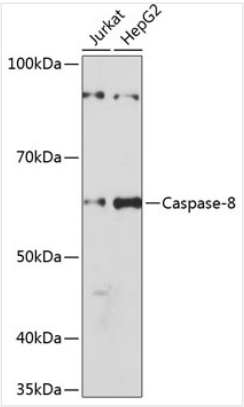
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	EELCGVMTIS DSPREQDSES QTLDKVYQMK SKPRGYCLII NNHNFAKARE KVPKLHSIRD RNGTHLDAGA LTTTFEELHF EIKPHDDCTV EQIYEILKIY Q
Applicable Applications for anti-CASP8 antibody	ELISA, WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 200-300 of human Caspase-8 (Q14790).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



WB (Western Blot)
Western blot analysis of lysates from wild type (WT) and caspase-8 knockout (KO) HeLa cells using [KO Validated] Caspase-8 Rabbit mAb (AAA282735) at 1:1000 dilution.Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:5000 dilution.Lysates/proteins: 30 ug per lane.Blocking buffer: 5% nonfat dry milk in TBST.Exposure time: 60s.The data were kindly provided by Dr. Feng Shao, NIBS



WB (Western Blot)
Western blot analysis of various lysates using [KO Validated] Caspase-8 Rabbit mAb (AAA282735) at 1:1000 dilution.Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.Lysates/proteins: 25ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 3min.

ADDITIONAL INFORMATION

Related Product Information for anti-CASP8 antibody	This gene encodes a member of the cysteine-aspartic acid protease (caspase) family. Sequential activation of caspases plays a central role in the execution-phase of cell apoptosis. Caspases exist as inactive proenzymes composed of a prodomain, a large protease subunit, and a small protease subunit. Activation of caspases requires proteolytic processing at conserved internal aspartic residues to generate a heterodimeric enzyme consisting of the large and small subunits. This protein is involved in the programmed cell death induced by Fas and various apoptotic stimuli. The N-terminal FADD-like death effector domain of this protein suggests that it may interact with Fas-interacting protein FADD. This protein was detected in the insoluble fraction of the affected brain region from Huntington disease patients but not in those from normal controls, which implicated the role in neurodegenerative diseases. Many alternatively spliced transcript variants encoding different isoforms have been described, although not all variants have had their full-length sequences determined.
Product Categories/Family for anti-CASP8 antibody	Cancer; Invasion and Metastasis; Signal Transduction; ErbB-HER Signaling Pathway; Cell Biology Developmental Biology; Apoptosis; Caspases; Mitochondrial Control of Apoptosis; Inhibition of Apoptosis; Ubiquitin; Death Receptor Signaling Pathway; Endocrine

NCBI AND UNIPROT INFORMATION

NCBI GI #	122056474
NCBI GeneID	841
NCBI Accession #	NP_001073593.1
NCBI GenBank Nucleotide #	NM_001080124.1
UniProt Accession #	Q14790; O14676; Q14791; Q14792; Q14793; Q14794; Q14795; Q14796; Q15780; Q15806; Q53TT5; Q8TDI1
Molecular Weight	Calculated MW: 55kDa Observed MW: 57kDa
UniProt Protein Name	Caspase-8
UniProt Gene Name	**CASP8**
UniProt Synonym Gene Names	MCH5; CASP-8; FLICE; MACH
UniProt Entry Name	CASP8_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/monoclonal/caspase-8-antibody-western-blot-elisa/282735