

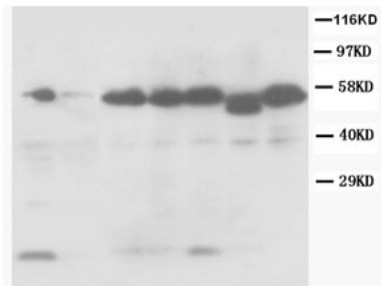
## Rabbit polyclonal antibody to Caspase-8 (223-242): Affinity purified

<b>Catalogue No.:</b>	R-1350-100
<b>Description:</b>	Caspase-8 is involved in the programmed cell death induced by Fas and various apoptotic stimuli. Many alternatively spliced transcript variants encoding different isoforms have been described. (Ref: Entrez Gene). Recent observations in microglia have implicated caspase 8 as a modulator of microglial activation in absence of cell death.
<b>Batch No.:</b>	See product label
<b>Unit size:</b>	100 ug
<b>Antigen:</b>	A synthetic peptide (DKVYQMKS <del>K</del> PRGYCLIINNH) corresponding to a region (223-242 aa) from human Caspase-8.
<b>Sequence:</b>	DKVYQMKS <del>K</del> PRGYCLIINNH
<b>Antibody Type:</b>	Antiserum
<b>Other Names:</b>	CASP-8; Apoptotic cysteine protease; Apoptotic protease Mch-5; CAP4; FADD-homologous ICE/ced-3-like protease; FADD-like ICE; FLICE; ICE-like apoptotic protease 5; MORT1-associated ced-3 homolog; MACH; MCH5;
<b>Accession:</b>	Q14790 CASP8_HUMAN;
<b>Produced in:</b>	Rabbit
<b>Applications:</b>	Western Blotting (WB). A concentration of 1.0 ug/mL is recommended for WB. Human Caspase-8 (Isoform 1 precursor) has a predicted length of 479 amino acids and MW of 55 kDa. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
<b>Specificity:</b>	The specificity of this antibody has been confirmed by WB against the antigen.
<b>Antibody Against:</b>	Caspase-8
<b>Cross-reactivity:</b>	Human; rat; predicted to react with mouse due to sequence homology;
<b>Form:</b>	Lyophilised with 5mg BSA, 0.9mg NaCl, 0.2mg Na <sub>2</sub> HPO <sub>4</sub> , 0.05mg Thimerosal, 0.05mg NaN <sub>3</sub>
<b>Appearance:</b>	Lyophilized white powder
<b>Reconstitution:</b>	Reconstitute in 100 uL of sterile distilled water to achieve an antibody concentration of 1 mg/mL. Centrifuge to remove any insoluble material.
<b>Storage:</b>	At least 12 months after purchase at 2-8C (lyophilized formulations). After reconstitution, aliquot and store at -20C for a higher stability. Avoid freeze-thaw cycles.
<b>Expiry Date:</b>	12 months after purchase
<b>General References:</b>	1. Burguillos M.A. Caspase signalling controls microglia activation and neurotoxicity. Nature. 2011 Apr 21;472(7343):319-24.

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FOR RESEARCH USE ONLY

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Western Blot using Rabbit polyclonal antibody to Caspase-8:

Lane 1: Rat Thymus tissue lysate

Lane 2: Rat liver tissue lysate

Lane 3: MCF-7 Whole cell lysate

Lane 4: Hela Whole cell lysate

Lane 5: Smmc Whole cell lysate

Lane 6: Jurkat Whole cell lysate

Lane 7: Colo320 Whole cell lysate

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