
Caspase-8 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 250576

Unit: 0.1 mg

Description:

Caspase-8 is the most upstream protease of the activation cascade of caspases responsible for the TNFRSF6/FAS mediated and TNFRSF1A induced cell death. Caspase-8 binding to the adapter molecule FADD recruits the complex to either receptor. The resulting aggregate called death-inducing signaling complex (DISC) triggers caspase-8 proteolytic activation. The active dimeric enzyme is then liberated from the DISC and free to activate downstream apoptotic proteases. The enzyme then cleaves and activates caspase-3, caspase-4, caspase-6, caspase-7, caspase-9 and caspase-10. Granzyme B and CPP32 cleave caspase-8 at Asp 315 and Asp 330 respectively to generate the two active subunits.

Isotype: Rabbit Ig

Applications: E, WB, IHC

Species Reactivity: H, M, R, Hm, D, B

Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: Caspase-8; CASP-8; ICE-like apoptotic protease 5; MORT1-associated CED-3 homolog; MACH; FADD-homologous ICE/CED-3-like protease; FADD-like ICE; FLICE; Apoptotic cysteine protease; Apoptotic protease Mch-5; CAP4; CASP8; MCH5

Accession No.: Q14790

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of rodent Caspase-8.

Application Notes: E: 1:500-1:1,000; WB: 1:200-1:500; IHC: 1:200-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.