

Product Datasheet

Cleaved Caspase-8 (4C2) Mouse mAb

Catalog No: AB3540

Reactivity: Human , Mouse , Rat

Isotype: Mouse IgG1

Applications: WB , ICC/IF , IHC-P



www.abways.com

Information

UniProt ID: Q14790

All Names: CASP8; MCH5; Caspase-8; CASP-8; Apoptotic cysteine 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; Cleaved Caspase-8 (Asp384)

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: Recombinant Protein of Caspase-8

Molecular Wt.: 42,57kDa

Application

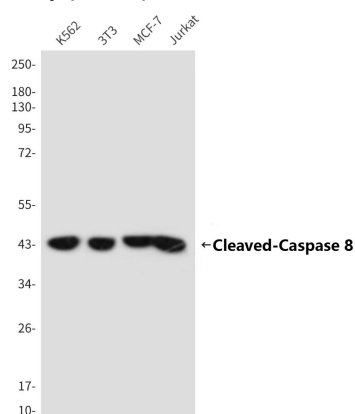
WB: 1/500-1/1000

IHC: 1/50-1/100

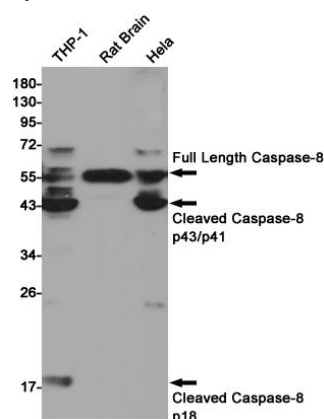
ICC/IF: 1/50-1/200

Background

Swiss-Prot Acc.Q14790. Most upstream protease of the activation cascade of caspases responsible for the TNFRSF6/FAS mediated and TNFRSF1A induced cell death. Binding to the adapter molecule FADD recruits it to either receptor. The resulting aggregate called death-inducing signaling complex (DISC) performs CASP8 proteolytic activation. The active dimeric enzyme is then liberated from the DISC and free to activate downstream apoptotic proteases. Proteolytic fragments of the N-terminal propeptide (termed CAP3, CAP5 and CAP6) are likely retained in the DISC. Cleaves and activates CASP3, CASP4, CASP6, CASP7, CASP9 and CASP10. May participate in the GZMB apoptotic pathways.



Western blot analysis of Cleaved Caspase-8 in K562, 3T3, MCF7 and Jurkat lysates using Caspase8 antibody.



Western blot analysis of Cleaved Caspase 8 in THP1, Rat Brain, HeLa lysates using Cleaved Caspase-8 antibody.

For Research Use Only. Not For Use In Diagnostic Procedures.

www.abways.com