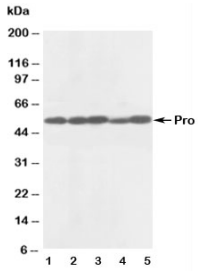
Anti-Caspase-8 Antibody (large subunit) (R30365)

Catalog No.	Formulation	Size
R30365	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide/thimerosal
UniProt	Q14790
Applications	Western blot: 0.5-1ug/ml
Limitations	This anti-Caspase-8 antibody is available for research use only.



Western blot testing of anti-Caspase-8 antibody and Lane 1: rat thymus; 2: rat liver; 3: human MCF-7; 4: (h) HeLa; 5: (h) SMMC-7721 lysate. Predicted molecular weight: ~55 kDa (pro), ~40 kDa (large + small subunit), ~20 kDa (large subunit).

Description

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 including CASP3/4/6/7/9/10. [UniProt]

Application Notes

The stated application concentrations are suggested starting points. Titration of the anti-Caspase-8 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

Amino acids 240-259 (DKVYQMKSKPRGYCLIINNH-human) were used as the immunogen for this anti-Caspase-8 antibody. This sequence is from the large subunit.

Storage

After reconstitution, the anti-Caspase-8 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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