

Caspase-10 polyclonal antibody

Catalog: BS90184

Host: Rabbit

Reactivity: Human

BackGround:

Caspase-10, also designated Mch4, is recruited to the native TRAIL and CD9 death-inducing signaling complexes (DISCs) by the FADD/Mort1 adaptor protein complex. Caspase-10 requires the assembly of the FADD and DISC complexes for its recruitment and cleavage-induced activation during CD95-induced apoptosis of activated T cells. The N-terminus of caspase-10 contains FADD-like death effector domains further indicating that it associates with FADD to induce apoptosis. Caspase-10 is not required for apoptosis induction and when overexpressed, cannot reverse defects in apoptosis induction caused by caspase-8 deficiency. Granzyme B cleaves procaspase-10 at an IXXD-A processing sequence to produce mature caspase-10. Mutations in the caspase-10 gene in the pro-domain, p17 large protease subunit and p12 small protease subunit have been linked to a number of non-Hodgkin lymphomas in humans.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

59 kDa

Swiss-Prot:

Q92851(Human)

Purification&Purity:

ProA affinity purified

Applications:

WB:1:1,000-1:2,000

FC:1:50-1:100

IHC:1:50-1:200

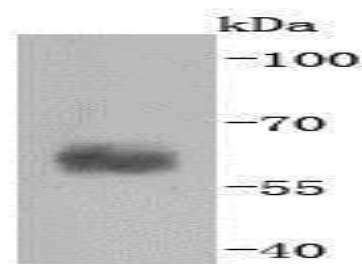
Storage&Stability:

Store at +4 °C after thawing. Aliquot store at -20 °C or -80 °C. Avoid repeated freeze / thaw cycles.

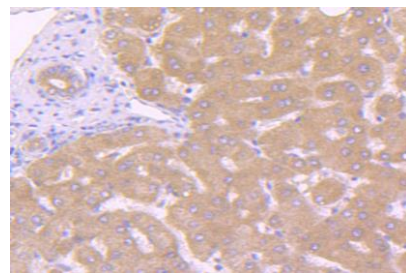
Specificity:

Caspase-10 polyclonal antibody detects endogenous levels of Caspase-10 protein.

DATA:



Western blot analysis of Caspase-10 on K562 cells lysates using anti-Caspase-10 antibody at 1/1,000 dilution.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue using anti-Caspase-10 antibody. Counter stained with hematoxylin.

Note:

For research use only, not for use in diagnostic procedure.

Bioworld Technology, Inc.

Add: 1660 South Highway 100, Suite 500 St. Louis Park, MN 55416, USA.

Email: info@bioworld.com

Tel: 6123263284

Fax: 6122933841

Bioworld technology, co. Ltd.

Add: No 9, weidi road Qixia District Nanjing, 210046, P. R. China.

Email: info@biogot.com

Tel: 0086-025-68037686

Fax: 0086-025-68035151