c-IAP1 polyclonal antibody

Catalog: BCP00497 Host: Rabbit Reactivity: Human

BackGround:

The inhibitor of apoptosis protein (IAP) family consists of an evolutionarily conserved group of apoptosis inhibitors containing a conserved 70 amino acid BIR (baculovirus inhibitor repeat) domain. Human members of this family include c-IAP1, c-IAP2, XIAP, survivin, livin, and NAIP. Overexpression of IAP family members, particularly survivin and livin, in cancer cell lines and primary tumors suggests an important role for these proteins in cancer progression. In general, the IAP proteins function through direct interactions to inhibit the activity of several caspases, including caspase-3, caspase-7, and caspase-9. In addition, binding of IAP family members to the mitochondrial protein Smac blocks their interaction with caspase-9, thereby allowing the processing and activation of the caspase.

Product:

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

Molecular Weight:

~ 62 kDa

Swiss-Prot:

Q13490

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:2000~1:5000

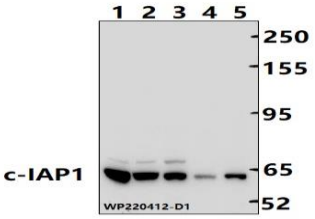
Storage&Stability:

Store at 4℃ short term. Aliquot and store at -20℃ long term. Avoid freeze-thaw cycles.

Specificity:

c-IAP1 polyclonal antibody detects endogenous levels of c-IAP1 protein.

DATA:



Western blot (WB) analysis of TGFβ c-IAP1 polyclonal antibody at 1:2000 dilution

Lane1:HCT116 whole cell lysate(40ug)

Lane2:K562 whole cell lysate(40ug)

Lane3:HepG2 whole cell lysate(40ug)

Lane4:PC3 whole cell lysate(40ug)

Lane5:A549 whole cell lysate(40ug)

Note:

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

Complex biotech, co. Ltd.
Add：No 9, weidi road Qixia District Nanjing, 210046, P. R. China.