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AP00060PU-N Polyclonal Antibody to IAP1 (BIRC3) - Aff - Purified -

Alternate names: API1, Baculoviral IAP repeat-containing protein 2, C-IAP1, HIAP-2, HIAP2, IAP homolog B, Inhibitor of apoptosis protein 2, MIHB, RING finger protein 48, RNF48, TNFR2-TRAF-signaling complex protein 2, cIAP1

Quantity: 0.1 mg

Concentration: 0.2 mg/ml

Background: Apoptosis can be inhibited by a group of proteins called inhibitors of apoptosis (IAPs). These proteins contain a BIR (baculovirus IAP repeat) domain near the amino-terminus. The BIR domain can bind some caspases. Many members of the IAP family of proteins block proteolytic activation of caspase-3 and -7. For example, XIAP, cIAP-1 and cIAP-2 appear to block cytochrome c-induced activation of caspase-9, thereby preventing initiation of the caspase cascade. Since cIAP-1 and cIAP-2 were first identified as components in the cytosolic death domain-induced complex associated with the TNF family of receptors, they may inhibit apoptosis by additional mechanisms.

Uniprot ID: Q13490

NCBI: NP_001157

GeneID: 329

Host: Rabbit

Immunogen: Synthetic peptide surrounding amino acid 530 of human cIAP-1

Format:
State: Liquid purified Ig fraction
Purification: Affinity Chromatography
Buffer System: PBS, pH 7.2, containing 30% glycerol, 0.5% BSA, 0.01% thimerosal

Applications:
Western Blot: 0.5-4 µg/ml.
Immunohistochemistry: 5 µg/ml.
Jurkat cell lysate and Rat kidney tissue lysate can be used as positive controls.
Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Specificity: This antibody detects cIAP-1.
Species: Human, Mouse, Rat.
Other species not tested.

Storage: Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer.
Avoid repeated freezing and thawing.
Shelf life: one year from despatch.

Pictures:

Western blot analysis of cIAP-1 in Jurkat cell lysate.