

clAP Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 253483

Unit: 0.1 mg

Description:

Apoptosis, or programmed cell death, is related to many diseases, such as cancer. Apoptosis is triggered by a variety of stimuli including members in the TNF family and can be prevented by the inhibitor of apoptosis (IAP) proteins. IAP proteins form a conserved gene family that binds to and inhibits cell death proteases. The two isoforms of c-IAP (c-IAP1 and c-IAP2) are structurally related to XIAP, containing 3 baculoviral IAP repeat (BIR) motifs that are essential and sufficient for the binding and inhibition of caspases^{3, 27}. The c-IAPs can associate with the death receptor TNF-R2, and mediate the ubiquitination of TRAF2 following the binding of TNF- α by its receptor. Omi, a negative regulator of c-IAP, inhibits its activity by catalytically cleaving c-IAP. Another negative regulator, Smac/DIABLO, acts by enhancing the auto-ubiquitization activity of c-IAP.

Isotype: Rabbit Ig

Applications: E, IF, IHC, WB

Species Reactivity: H, M

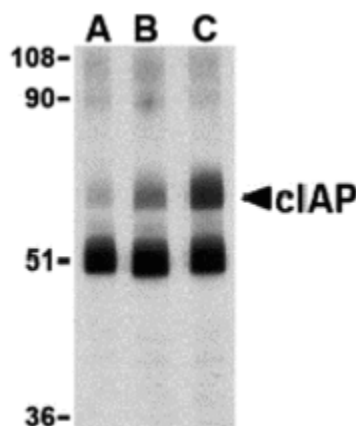
Format: Each vial contains 0.1 ml IgG in PBS pH 7.4 with 0.02% sodium azide. Antibody was purified by immunogen affinity chromatography.

Alternate Names: clAP; c-IAP; Baculoviral IAP repeat-containing protein 2; c-IAP1; IAP homolog B; Inhibitor of apoptosis protein 2; IAP-2; hIAP-2; IAP2; RING finger protein 48; TNFR2-TRAF-signaling complex protein 2; BIRC2; API1; IAP2; MIHB; RNF48

Accession No.: NP_001157

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human clAP.

Application Notes: Cat. No. 253483 detects both c-IAP1 and c-IAP2. E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:100-1:500; IF: 1:50-1:200



Western blot analysis of clAP in human lung lysate with clAP Antibody (Cat. No. 253483) at 1 (lane A), 2 (lane B), and 4 (lane C) μ g/mL, respectively.

Storage: Store at -20°C . Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.