

Anti-clAP-1 (HIAP-2) Polyclonal Antibody

CATALOG NO.:	3180-30T 3180-100	30 µg 100 µg
HOST:	Rabbit	
IMMUNOGEN:	Synthetic peptide surrounding amino acid 530 of human clAP-1 (ID# BV-90).	
SPECIES REACTIVITY:	Tested in Human	

FORMULATION:

0.5 mg/ml affinity purified rabbit polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA, 0.5 mM EDTA and 0.03% Proclin

STORAGE CONDITIONS:

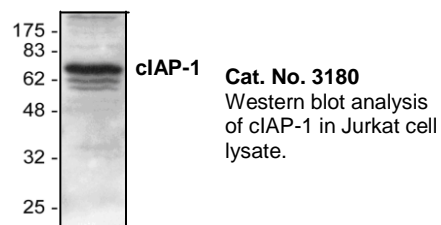
Store at -20 °C. For long term storage, aliquot and freeze at -70 °C. Avoid repeated freeze-thaw cycles.

BACKGROUND DESCRIPTION:

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, clAP-1 and clAP-2 appear to block cytochrome c-induced activation of caspase-9, thereby preventing initiation of the caspase cascade. Since clAP-1 and clAP-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.

APPLICATION AND USAGE:

The antibody can be used for Western blot analysis (0.5-4 µg/ml). However, the optimal conditions should be determined individually. Jurkat cell lysate can be used as positive controls. Blocking peptide is available separately (Cat.# 3180BP-50).

**RELATED PRODUCTS:**

- clAP-1 Antibody (Cat. No. 3180A)
- clAP-1 Blocking Peptide (Cat. No. 3180BP)
- clAP-1 Blocking Peptide (Cat. No. 3180ABP)
- clAP-2 Blocking Peptide (Cat. No. 3181BP)
- clAP-2/HIAP-1 Antibody (Cat. No. 3181)

FOR RESEARCH USE ONLY! Not to be used on humans.