

Product datasheet for **AP13088PU-N**

XIAP (N-term) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	ELISA: 1/1,000. Western blotting: 1/100 - 1/500. Immunohistochemistry: 1/50 - 1/100.
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the N-terminal region of human BIRC4.
Specificity:	This antibody reacts to XIAP (BIRC4).
Formulation:	PBS with 0.09% (W/V) sodium azide State: Purified State: Liquid purified Ig
Concentration:	lot specific
Purification:	Protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	X-linked inhibitor of apoptosis
Database Link:	Entrez Gene 331 Human P98170



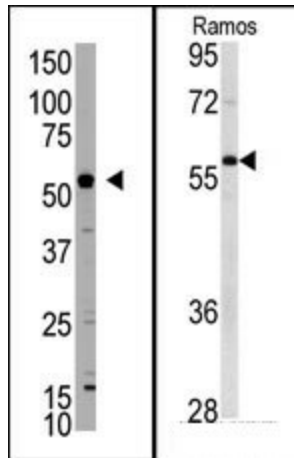
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Background:

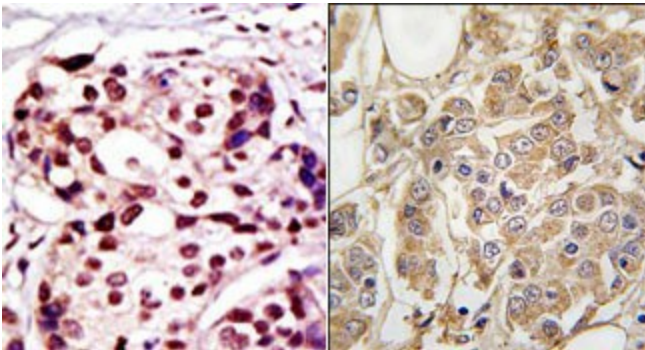
BIRC4 is a member of a family of proteins which inhibit apoptosis through binding to tumor necrosis factor receptor-associated factors TRAF1 and TRAF2. Similar to API1, BIRC4 inhibits apoptosis induced by menadione, a potent inducer of free radicals, and ICE. BIRC4 also inhibits at least two members of the caspase family of cell-death proteases, caspase-3 and caspase-7.

Synonyms:

HILP, API3, XIAP

Product images:


(LEFT)The anti-BIRC4 N-term Pab is used in Western blot to detect BIRC4 in mouse liver tissue lysate. (RIGHT)Western blot analysis of anti-BIRC4 Antibody (N-term) in Ramos cell line lysates (35ug/lane). BIRC4 (arrow) was detected using the purified Pab.



Formalin-fixed and paraffin-embedded human colon carcinoma tissue reacted with BIRC4 antibody (N-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining.