



Polyclonal Anti- XIAP associated factor-1, XAF1 (Sephacose Bead Conjugate)

Catalogue No. PA1218-S

Lot No. 09C01

Ig type: rabbit IgG

Size: 100µg/vial

Specificity

Human, mouse, rat. No cross reactivity with other proteins.

Recommended application

(Immunoprecipitation(IP))

Immunogen

A synthetic peptide corresponding to a sequence at the C-terminal of human XAF1, identical to the related rat and mouse sequence.

Purification

Immunogen affinity purified.

Formulation

50% slurry in PBS pH 7.2 with 0.01mg NaN₃ preservative.

Storage

Store at 4°C for frequent use.

Description:

This Antagene antibody is immobilized via covalent binding of primary amino groups to N-hydroxysuccinimide (NHS)-activated sepharose beads. It is useful for immunoprecipitation assays

BACKGROUND

XIAP associated factor-1, also known as XAF1, is a human gene. X-linked inhibitor of apoptosis (XIAP; MIM 300079) is a potent member of the IAP family. All members of this family possess baculoviral IAP (BIR) repeats, cysteine-rich domains of approximately 80 amino acids that bind and inhibit caspases.¹ XAF1 antagonizes the anticaspase activity of XIAP and may be important in mediating apoptosis resistance in cancer cells.² And alteration in XAF1 and XIAP RNA expression levels may lead to increased apoptotic resistance and proliferation due to unregulated XIAP function in cancer cells.¹

REFERENCE

1. Fong, W. G.; Liston, P.; Rajcan-Separovic, E.; St. Jean, M.; Craig, C.; Korneluk, R. G. : Expression and genetic analysis of XIAP-associated factor 1 (XAF1) in cancer cell lines. *Genomics* 70: 113-122, 2000.
2. Liston, P.; Fong, W. G.; Kelly, N. L.; Toji, S.; Miyazaki, T.; Conte, D.; Tamai, K.; Craig, C. G.; McBurney, M. W.; Korneluk, R. G. : Identification of XAF1 as an antagonist of XIAP anti-caspase activity. *Nature Cell Biol.* 3: 128-133, 2001.

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