

Product Information Sheet



Polyclonal Anti- XIAP associated factor-1, **XAF1**

Catalogue No. PA1218

Lot No. 09C01

Ig type rabbit IgG

Size 100µg/vial

Specificity

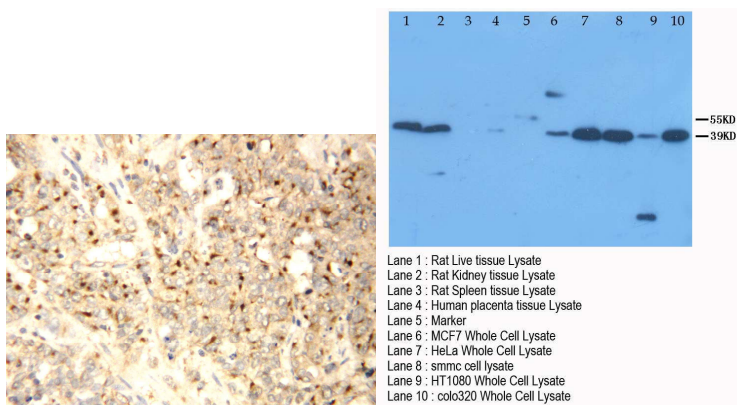
Human, mouse, rat.

No cross reactivity with other proteins.

Recommended application

Western blot

Immunohistochemistry(P)



Immunogen

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

Purity

Immunogen affinity purified.

Application

	Concentration	Tested Species	Concluded Species	Antigen Retrieval
WB	1µg/ml	Hu, Rat	Ms	-
IHC-P	0.5-1µg/ml	Hu	-	By Heat
IHC-F	-	-	-	-
ICC	-	-	-	-

Other applications have not been tested.

Optimal dilutions should be determined by end user.

Contents

Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na₂HPO₄, 0.05mg Thimerosal, 0.05mg NaN₃.

Reconstitution

0.2ml of distilled water will yield a concentration of 500µg/ml.

Storage

At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for longer time.

To reorder contact us at:

Antagene, Inc.

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FOR RESEARCH USE ONLY. NOT FOR DIAGNOSTIC AND CLINICAL USE.

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.