XAF-1 Antibody

Subcategory: Rabbit Polyclonal Antibody
Cat. No.: 253498
Unit: 0.1 mg

Description:
XAF-1 binds to XIAP, an inhibitor of caspases-3, -7, and ?9, and triggers its relocation from the cytosol to the nucleus. Overexpression of XAF-1 results in the neutralization of XIAP?s ability to inhibit cell death. XAF-1 is normally expressed in all adult and fetal tissues but was found to be present in very low levels in a variety of cancer cell lines. In contrast, XIAP levels have been shown to be high in a majority of cell lines. Low XAF-1 and high basal expression of XIAP may therefore play a critical role in maintaining survival of cancer cell lines. Both IFN-alpha2 and IFN-beta can induce XAF-1 mRNA in all cells examined but induction of XAF-1 protein (as observed by immunoblot analysis) was seen only in cell lines sensitive to the apoptotic effects of IFNs.

Isotype: Rabbit Ig
Applications: E, WB
Species Reactivity: H
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: XAF-1 ; XAF-1
Accession No.: CAA68030

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within human XAF-1.
Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500

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.