

## XAF-1 Polyclonal Antibody

**CATALOG NO:** 3696-30T 30 µg (Trial size)  
3696-100 100 µg

**HOST:** Rabbit

**IMMUNOGEN:** Synthetic peptide surrounding a.a. 306 of human XAF-1 (ID# BV-148).

### FORMULATION:

0.5 mg/ml Protein A affinity purified rabbit polyclonal antibody in phosphate-buffered saline (PBS) containing 30% glycerol, 0.5% BSA, and 0.01% thimerosal.

**SPECIES REACTIVITY:** Human

### STORAGE CONDITIONS:

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

### DESCRIPTION:

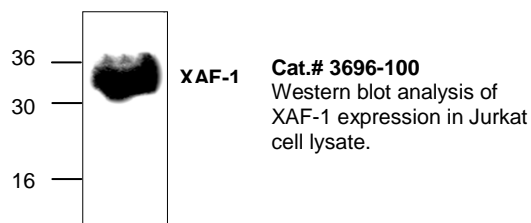
XAF-1 binds to XIAP, an inhibitor of caspases-3, -7, -9 and triggers its relocation from the cytosol to the nucleus. Overexpression of XAF-1 results in the neutralization of XIAP's ability to inhibit cell death. XAF-1 is normally expressed in all adult and fetal tissues but was found to be present in 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.

### SPECIFICITY:

The antibody recognizes 34 kDa XAF-1 from samples of human origins. Reactivity to other species has not been tested.

### APPLICATION:

The antibody can be used for Western blotting (0.5-4 µg/ml). However, the optimal concentrations should be determined individually. Jurkat cell lysate (Cat.# 2401-100) can be used as the positive control. Blocking peptide (Cat.# 3696BP-50) is also available.



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

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