

Anti-XAF1 Rabbit pAb



WL0080a

For Research Use Only. Not For Use In Diagnostic Procedures

Product Information

Product name	Anti-XAF1 Rabbit pAb	
Source	Rabbit	
Species reactivity	Western blot	Mouse, Rat
	Immunohistochemistry	Human
Tested applications	Western blot	1:500-1:1000
	Immunohistochemistry	1:100

**Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own experiment using appropriate negative and positive controls.*

Molecular Wt.	35kDa
Pack size	50/100/200/500/1000 μ l
Storage	Store at -20°C. Avoid freeze/thaw cycles.
Storage buffer	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 μ g/ml BSA, 50% glycerol and less than 0.02% sodium azide

General Information

Background

X-linked inhibitor of apoptosis (XIAP)-associated factor 1 (XAF1) is a zinc finger protein that antagonizes the anti-apoptotic activity of XIAP. XAF1 is widely expressed in normal tissues, with highest levels in the heart and ovary, but is mostly reduced in cancer lines. Expression of XAF1 can be induced by interferons via Stat transcriptional activity. A number of studies have shown that XAF1 can function as a tumor suppressor protein and low levels of XAF1 transcript may enhance cancer cell-survival through the relative increase in XIAP anti-apoptotic function. Research studies suggest that expression of XAF1 may be a prognostic biomarker for some cancers.

Immunogen

Polyclonal antibody is produced by immunizing animals with a synthetic peptide of XAF1.

Purification

Polyclonal antibody was purified by immunogen affinity chromatography.

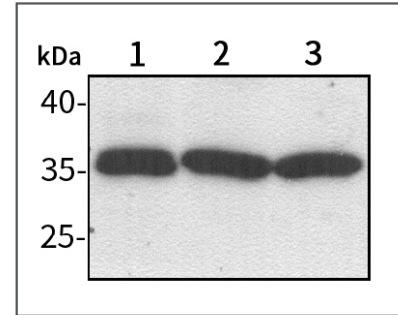
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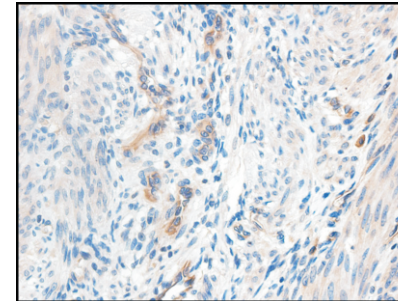
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Product Images



Western blot-Anti-XAF1 pAb

Lane 1: Rat liver tissue lysate 20 μ g
 Lane 2: Rat kidney tissue lysate 20 μ g
 Lane 3: Rat stomach tissue lysate 20 μ g
Separation gel: 10% polyacrylamide
Electrophoresis: 100V, 4°C, 3h
Transmembrane: 100V, 4°C, 1h
Blocking: 5% w/v nonfat dry milk, 1 \times TBST, at RT with gentle shaking
Primary antibody: 1:1000 in blocking buffer, 4°C, overnight
Visualization: ECL, 30s-2min



Immunohistochemistry-Anti-XAF1 pAb

Sample: Human cervical cancer tissue
Antigen retrieval: pH 6.0 citrate buffer
Primary antibody: 1:100, 4°C, overnight
Secondary antibody-Biotin: 1:150, 37°C, 1h
Streptavidin-HRP: 1:200, 37°C, 30min
Visualization: DAB