

Anti-XAF1 antibody ab17204

★★★★☆ [5 Abreviews](#) [13 References](#) [画像数 2](#)

製品の概要

製品名	Anti-XAF1 antibody
製品の詳細	Rabbit polyclonal to XAF1
由来種	Rabbit
アプリケーション	適用あり: ICC/IF, WB, IHC-P
種交差性	交差種: Mouse, Rat, Human
免疫原	Synthetic peptide (Human) (within the last 35 amino acids of C terminal end).
特記事項	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C.
バッファー	pH: 7.2 Preservative: 0.02% Sodium azide Constituent: PBS
精製度	Immunogen affinity purified
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

アプリケーション

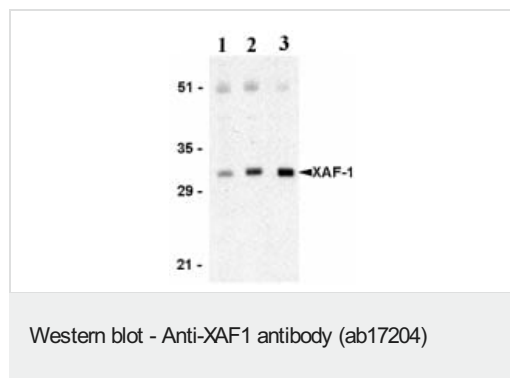
The Abpromise guarantee **Abpromise保証は、次のテスト済みアプリケーションにおけるab17204の使用に適用されます**
 アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
ICC/IF	★★★★★ (1)	Use at an assay dependent concentration. PubMed: 18485100
WB	★★★★★ (3)	Use a concentration of 0.5 - 2 µg/ml. Detects a band of approximately 32 kDa. A higher 50kDa band is present at times (lot dependent). This band is not blocked by the immunogen. We do not know the identity of this extra band.
IHC-P		Use at an assay dependent concentration.

ターゲット情報

機能	Seems to function as a negative regulator of members of the IAP (inhibitor of apoptosis protein) family. Inhibits anti-caspase activity of BIRC4. Induces cleavage and inactivation of BIRC4 independent of caspase activation. Mediates TNF-alpha-induced apoptosis and is involved in apoptosis in trophoblast cells. May inhibit BIRC4 indirectly by activating the mitochondrial apoptosis pathway. After translocation to mitochondria, promotes translocation of BAX to mitochondria and cytochrome c release from mitochondria. Seems to promote the redistribution of BIRC4 from the cytoplasm to the nucleus, probably independent of BIRC4 inactivation which seems to occur in the cytoplasm. The BIRC4-XAF1 complex mediates down-regulation of BIRC5/survivin; the process requires the E3 ligase activity of BIRC4. Seems to be involved in cellular sensitivity to the proapoptotic actions of TRAIL. May be a tumor suppressor by mediating apoptosis resistance of cancer cells.
組織特異性	Widely expressed. Expression is frequently down-regulated in cancer cell lines. Isoform 5 is widely expressed. Expressed in placenta (at protein level).
配列類似性	Contains 1 TRAF-type zinc finger.
発生段階	Selectively expressed in third trimester placenta.
細胞内局在	Nucleus and Cytoplasm. Nucleus. Mitochondrion. Found in the cytoplasm and nucleus of placental syncytiotrophoblasts. Translocates to mitochondria upon TNF-alpha treatment.

画像



Lane 1 : Anti-XAF1 antibody (ab17204) at 0.5 µg/ml

Lane 2 : Anti-XAF1 antibody (ab17204) at 1 µg/ml

Lane 3 : Anti-XAF1 antibody (ab17204) at 2 µg/ml

Lane 1 : Human spleen lysate

Lanes 2-3 : Human spleen lysate

Observed band size: 32 kDa

Western blot analysis of XAF1 in human spleen lysate with

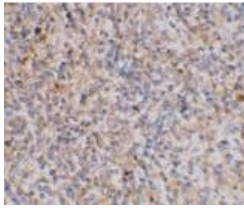
ab17204 at

Lane A: 0.5 ug/ml

Lane B: 1ug/ml

Lane C: 2ug/ml

Higher 50kDa band presence is lot dependent. This band is not blocked by the immunogen.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-XAF1 antibody (ab17204)

ab17204 at 2µg/ml staining XAF1 in human spleen tissue by IHC

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