abcam

Product datasheet

Anti-cleaved IKB alpha antibody ab13904

画像数 1

製品の概要

製品名	Anti-cleaved IKB alpha antibody
製品の詳細	Mouse monoclonal to cleaved IKB alpha
由来種	Mouse
アプリケーション	**適用あり:** WB
種交差性	**交差種:** Human
免疫原	Synthetic peptide corresponding to the caspase-3 mediated cleavage site.
ポジティブ・コントロール	Tested with Jurkat cell lysates.

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
バッファー	Preservative: 0.02% Sodium azide Constituent: PBS
精製度	Protein G purified
ポリ/モノ	モノクローナル
アイソタイプ	IgG1

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ab13904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。

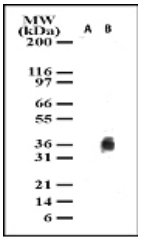
アプリケーション	Abreviews	特記事項
WB		Use a concentration of 1 µg/ml. Detects a band of approximately 35 kDa.

ターゲット情報

関連性

NF-kB is silenced in the cytoplasm by an inhibitory protein, IkB. Synthesis of IkBa is autoregulated. IkB proteins are phosphorylated by IkB kinase complex consisting of at least three proteins, IKK1/a, IKK2/b, and IKK3/g. External stimuli such as tumor necrosis factor or other cytokines results in phosphorylation and degradation of IkB releasing NF-kB dimers. NFkB dimer subsequently translocates to the nucleus and activates target genes. Six members of IkB family members have been identified. Recent studies have shown that IkB alpha can be cleaved by caspases during apoptosis to produce an amino-terminal truncated IkB alpha (DNIkB alpha). The DNIkB alpha is resistant to degradation in response to inducers of NFkB and act as dominant inhibitory molecule that suppresses NFkB activity during apoptosis.

画像



Western blot - Anti-cleaved IKB alpha antibody (ab13904)

Detection of cleaved IkB alpha in Jurkat cell lysates. Lane A. untreated cell lysate. Lane B. Jurkat cells treated with anti-Fas antibody for 30 mins.

Detection of cleaved IkB alpha in Jurkat cell lysates. Lane A. untreated cell lysate. Lane B. Jurkat cells treated with anti-Fas antibody for 30 mins.

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