

9853 Pacific Heights Blvd. Suite D. San Diego, CA 92121, USA Tel: 858-263-4982

Email: info@abeomics.com

35-1146: Polyclonal Antibody to IkB- Alpha (Phospho-Ser32/Ser36)

Clonality: Polyclonal
Application: IHC,WB,IF
Reactivity: Mouse,Human

Gene : NFKBIA
Gene ID : 4792
Uniprot ID : P25963
Format : Purified

Alternative Name: I-kappa-B-alpha, IKBA, NF-kappaB inhibitor alpha, NFKBI, NFKBIA

Isotype: Rabbit IgG

Immunogen Information: Peptide sequence around phosphorylation site of serine 32/36 (H-D-S(p)-G-L-D-S(p)-M-K)

derived from Human IkB-a.

Description

Inhibits the activity of dimeric NF-kappa-B/REL complexes by trapping REL dimers in the cytoplasm through masking of their nuclear localization signals. On cellular stimulation by immune and proinflammatory responses, becomes phosphorylated promoting ubiquitination and degradation, enabling the dimeric RELA to transcription.

Product Info

Amount : 50 μl / 100 μl

Content: Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM

NaCl, 0.02% sodium azide and 50% glycerol.

Storage condition : Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid

repeated freeze and thaw cycles.

Application Note

Predicted MW: 39kd, Western blotting: $1:500\sim1:1000$, Immunohistochemistry: $1:50\sim1:100$, Immunofluorescence: $1:100\sim1:200$

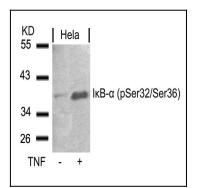


Figure 1: Western blot analysis of extracts from Hela cells untreated or treated with TNF using IkB-a(Phospho-Ser32/Ser36) Antibody 35-1146 .



9853 Pacific Heights Blvd. Suite D. San Diego, CA 92121, USA Tel: 858-263-4982

Email: info@abeomics.com

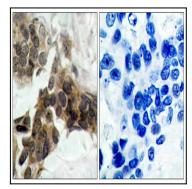


Figure 2: Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using IkB-a(Phospho-Ser32/Ser36) Antibody 35-1146 (left) or the same antibody preincubated with blocking peptide(right).

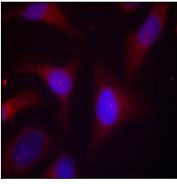


Figure 3: Immunofluorescence staining of methanol-fixed Hela cells using IkBa (Phospho-Ser32/Ser36) Antibody 35-1146.