Product Data Sheet
Phospho-IκBα-S32 Rabbit Monoclonal Antibody

Product name:	Phospho-IκBα-S32 Rabbit Monoclonal Antibody
Cat number:	AB0707
Conjugate:	Unconjugated
Size:	100 ug
Clone:	ARC0147
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	Synthetic peptide. This information is considered to be commercially sensitive.
Reactivity:	Human,Mouse,Rat
Applications:	WB 1:500 - 1:2000 ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Molecular Weight:	39kDa/
Purification:	Affinity purification
Form:	liquid
Buffer:	PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.
Storage:	Store at -20℃. Avoid freeze / thaw cycles.
Synonyms:	IKBA; MAD-3; NFKBI; EDAID2; Phospho-IκBα-S32
Background:	This gene encodes a member of the NF-kappa-B inhibitor family, which contain multiple ankrin repeat domains. The encoded protein interacts with REL dimers to inhibit NF-kappa-B/REL complexes which are involved in inflammatory responses. The encoded protein moves between the cytoplasm and the nucleus via a nuclear localization signal and CRM1-mediated nuclear export. Mutations in this gene have been found in ectodermal dysplasia anhidrotic with T-cell immunodeficiency autosomal dominant disease.

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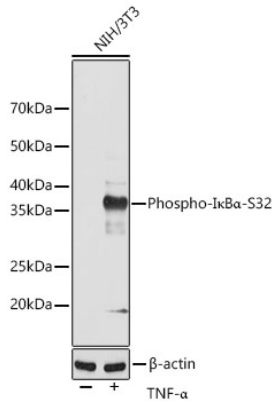
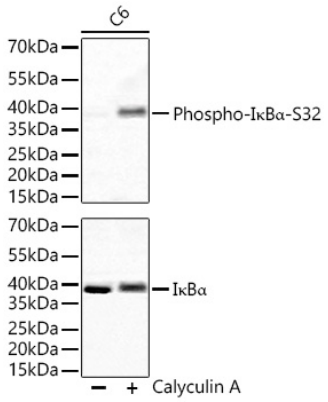


Western blot analysis of lysates from NIH/3T3 cells, using Phospho-IκBα-S32 Rabbit mAb (AP0707) at 1:1000 dilution. NIH/3T3 and C6 cells were treated with TNF-α (20 ng/mL) at 37℃ for 30 minutes. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25μg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL West Pico Plus. Exposure time: 120s.



Western blot analysis of lysates from C6 cells using Phospho-IκBα-S32 Rabbit mAb (AP0707) at 1:1000 dilution (upper) or IκBα Rabbit mAb (A24909) at1:6000 dilution (lower) incubated overnight at 4℃. C6 cells were treated with Calyculin A (100 nM) at 37℃ for 30 minutes after serum-starvation overnight. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 30 μg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL West Pico Plus. Exposure time: 60s.

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