IκB-α (phospho Ser32/S36) Polyclonal Antibody

Cat #: ABP0038   Size: 100µl

Product Information
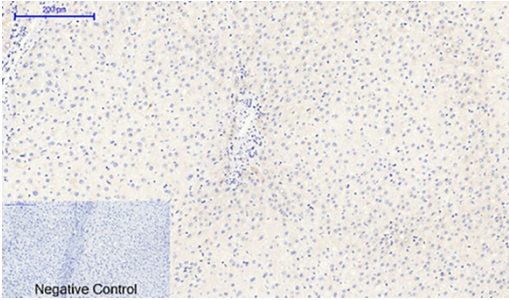
	Product Name: IκB-α (phospho Ser32/S36) Polyclonal Antibody		
	Applications: WB, IF, IHC-P, ELISA		**Isotype:** Rabbit IgG
	Reactivity: Human, Mouse, Rat, Monkey		
REF	**Catalog Number:** ABP0038	LOT	**Lot Number:** Refer to product label
	Formulation: Liquid		**Concentration:** 1 mg/ml
	Storage: Store at -20°C. Avoid repeated freeze / thaw cycles.	⚠	**Note:** Contain sodium azide.

Background: NFKBIA encodes a member of the NF-kappa-B inhibitor family, which contain multiple ankrin repeat domains. NFKB inhibitor alpha interacts with REL dimers to inhibit NF-kappa-B/REL complexes which are involved in inflammatory responses. NFKB inhibitor alpha moves between the cytoplasm and the nucleus via a nuclear localization signal and CRM1-mediated nuclear export. Mutations in NFKBIA have been found in ectodermal dysplasia anhidrotic with T-cell immunodeficiency autosomal dominant disease.

Application Notes: Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: WB (1:500-1:2000), IF (1:200-1:1000), IHC-P (1:100-1:300), ELISA (1:10000). Not yet tested in other applications.

Storage Buffer: PBS, pH 7.4, containing 0.02% Sodium Azide as preservative and 50% Glycerol.

Storage Instructions: Stable for one year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing.

Fig.1. Western blot analysis of various cells using Phospho-IκB-α (S32/S36) Polyclonal Antibody.

Fig.2. Immunohistochemical analysis of paraffin-embedded human liver tissue. 1, IκB-α (phospho Ser32/S36) Polyclonal Antibody was diluted at 1:200 (4°C, overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval (>98°C, 20min). 3, secondary antibody was diluted at 1:200 (room temperature, 30min). Negative control was used by secondary antibody only.

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