

Phospho-IkB Alpha Recombinant antibody

Cat: B36061S

Company: HaoKebio

Uniprot ID: P25963

Applications: IHC:1:1000-1:4000

Organism: Rabbit

IHC-Polymer:1:4000-1:16000

Species reactivity: Human Mouse Rat

IHC-TSA:1:5000-1:20000

Molecular Weight Calculation: 36 kDa

IF:1:50-1:200

Observed Molecular Weight: 36 kDa

WB:1:1000-1:4000

FC:1:1000-1:2000

Background:

Nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, alpha (NFKBIA, synonyms: IKBA, MAD-3, NFKBI). NFKB1 or NFKB2 is bound to REL, RELA, or RELB to form the NFKB complex. The NFKB complex is inhibited by I-kappa-B proteins (NFKBIA or NFKBIB), which inactivate NF-kappa-B by trapping it in the cytoplasm. Phosphorylation of serine residues on the I-kappa-B proteins by kinases (IKBKA, or IKBKB) marks them for destruction via the ubiquitination pathway, thereby allowing activation of the NF-kappa-B complex. Activated NFKB complex translocates into the nucleus and binds DNA at kappa-B-binding motifs such as 5-prime G GGRNNYYCC 3-prime or 5-prime HGGARNY YCC 3-prime. The antibody also detects the phosphorylated form of the NFKBIA (IkB Alpha).

Synonyms:

IkB α (Ser 32/36), p IkB Alpha, p IkB Alpha (Ser 32/36), p IkB Alpha Ser32/36, p IkB α

Immunogen:

Recombinant protein

Isotype:

IgG

Subcellular location:

Cytoplasm

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:

PBS with 0.02% sodium azide, 100 μ g/ml BSA and 50% glycerol.

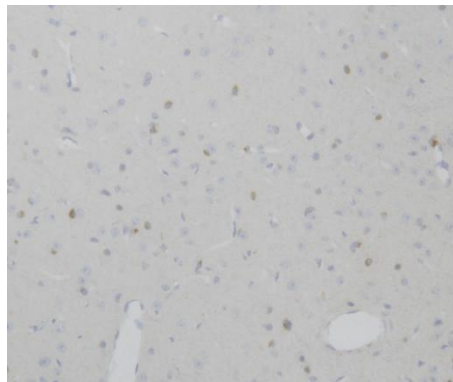
Storage:

Store at -20 °C for one year.

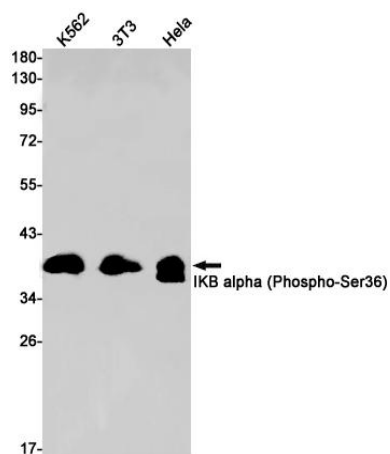
Experimental procedure:

Antigen retrieval: Citrate buffer (pH 9.0), Medium high heat for 8 minutes, stop for 7 minutes, medium high heat for 8 minutes. Incubate antibody, 4°C overnight. Secondary antibody: Poly-HRP Goat Anti-Rabbit & Mouse Universal Secondary Antibody, RT, 1h.

Images:



Sample: Mouse brain, 4% PFA 12-24h



Dilution of 1:4000 incubated at room temperature for 1.5 hours.

Source of Reagents:

发表[中文论文]请标注:Phospho-IkB Alpha(B36061S)由杭州浩克生物技术有限公司提供;

发表[英文论文]请标注:Phospho-IkB Alpha(B36061S) were kindly provided by Hangzhou HaoKe Biotechnology Co., Ltd.