

IκB alpha Polyclonal Antibody

catalog number: E-AB-70089

Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

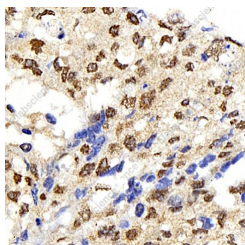
Reactivity	Human
Immunogen	KLH conjugated Synthetic peptide corresponding to Mouse IκBa
Host	Rabbit
Isotype	Rabbit IgG
Purification	Affinity purification
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer, 1% protein protectant and 50% glycerol.

Applications

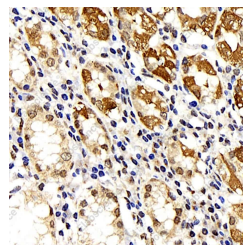
Recommended Dilution

IHC	1:200-1:800
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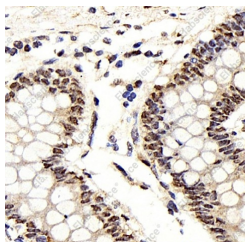
Data



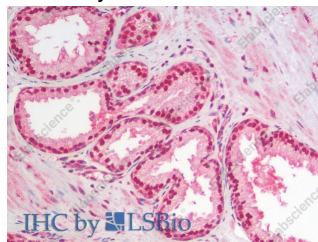
Immunohistochemistry analysis of paraffin-embedded human lung cancer using IκB alpha Polyclonal Antibody at dilution of 1:500.



Immunohistochemistry analysis of paraffin-embedded human stomach cancer using IκB alpha Polyclonal Antibody at dilution of 1:500.



Immunohistochemistry analysis of paraffin-embedded human colon cancer using IκB alpha Polyclonal Antibody at dilution of 1:500.



Immunohistochemistry analysis of paraffin-embedded Human Prostate using IκB alpha Polyclonal Antibody(Elabscience Product Detected by Lifespan).

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

Background

For Research Use Only

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Rev. V1.7

Nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, alpha (NFKBIA, synonyms: IKBA, MAD-3, NFKB1). 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 GGGRNYYCC 3-prime or 5-prime HGGARNYYCC 3-prime.