

RACO0174

Product Information

Size:

50ul

Reactivity:

Human

Source:

Human

Isotype:

Rabbit IgG

Applications:

ELISA, WB, IHC, IP

Recommended dilutions:

WB:1:500-1:5000, IHC:1:50-1:200, IP:1:200-1:1000

Protein Background:

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 translocate to the nucleus and activate transcription.

Gene ID:

NFKBIA

Uniprot

P25963

Synonyms:

NF-kappa-B inhibitor alpha, I-kappa-B-alpha, Ikb-alpha, IkappaBalpaha, Major histocompatibility complex enhancer-binding protein MAD3, NFKBIA, IKBA, MAD3, NFKBI

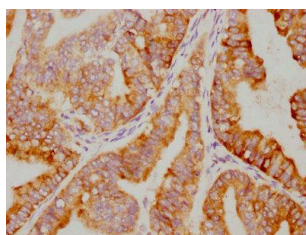
Immunogen:

A synthesized peptide derived from human NFKBIA.

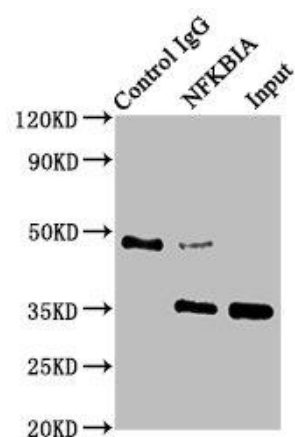
Storage:

Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Product Images



IHC image of RACO0174 diluted at 1:79.75 and staining in paraffin-embedded human endometrial cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

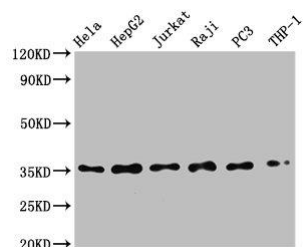


Immunoprecipitating NFKBIA in HepG2 whole cell lysate) Lane 1: Rabbit control IgG instead of RACO0174 in HepG2 whole cell lysate)

For western blotting, a HRP-conjugated Protein G antibody was used as the secondary antibody (1/2000)

Lane 2: RACO0174 (3µg) + HepG2 whole cell lysate) (500µg)

Lane 3: HepG2 whole cell lysate) (20µg)



Western Blot

Positive WB detected in(HeLa whole cell lysate) HepG2 whole cell lysate) Jurkat whole cell lysate) Raji whole cell lysate) PC3 whole cell lysate) THP-1 whole cell lysate) All lanes: NFKBIA antibody at 0.79µg/ml

Secondary

Goat polyclonal to rabbit IgG at 1:50000 dilution

Predicted band size: 36 KDa

Observed band size: 36 KDa