NFKBIB Rabbit pAb

Catalog No.: A5777



Basic Information

Observed MW

40-50kDa

Calculated MW

38kDa

Category

Primary antibody

Applications

WB,IHC-P,ELISA

Cross-Reactivity

Human, Mouse, Rat

Background

The protein encoded by this gene belongs to the NF-kappa-B inhibitor family, which inhibit NF-kappa-B by complexing with, and trapping it in the cytoplasm. Phosphorylation of serine residues on these proteins by kinases marks them for destruction via the ubiquitination pathway, thereby allowing activation of the NF-kappa-B, which translocates to the nucleus to function as a transcription factor. Alternatively spliced transcript variants have been found for this gene.

Recommended Dilutions

WB 1:500 - 1:2000

IHC-P 1:50 - 1:200

ELISA Recommended starting concentration is 1 μg/mL.

Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID Swiss Prot 4793 Q15653

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

IKBB; TRIP9; NFKBIB

Contact

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|-----------|---|---------------------------|
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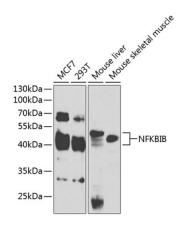
Product Information

SourceIsotypePurificationRabbitIgGAffinity purification

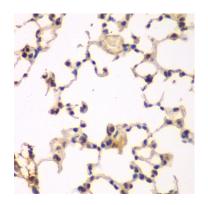
Storage

Store at -20°C. Avoid freeze / thaw cycles.

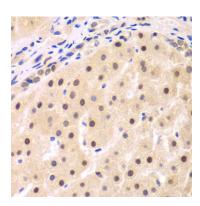
Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.



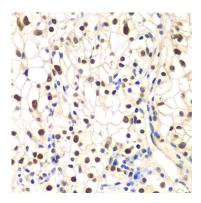
Western blot analysis of various lysates using NFKBIB Rabbit pAb (A5777) at 1:1000 dilution._Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution._Lysates/proteins: 25µg per lane._Blocking buffer: 3% nonfat dry milk in TBST._Detection: ECL Enhanced Kit (RM00021)._Exposure time: 30s.



Immunohistochemistry analysis of paraffinembedded Rat lung using NFKBIB Rabbit pAb (A5777) at dilution of 1:200 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunohistochemistry analysis of paraffinembedded Human liver cancer using NFKBIB Rabbit pAb (A5777) at dilution of 1:200 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunohistochemistry analysis of paraffinembedded Human kidney cancer using NFKBIB Rabbit pAb (A5777) at dilution of 1:200 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.