# Phospho-IκBα-S36 Rabbit mAb

Catalog No.: AP0999 Recombinant 11 Publications



# **Basic Information**

### **Observed MW**

40kDa

#### **Calculated MW**

36kDa

### Category

Primary antibody

### **Applications**

WB,IHC-P,ELISA

### **Cross-Reactivity**

Human, Mouse, Rat

#### CloneNo number

ARC1543

# **Background**

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

# **Recommended Dilutions**

**WB** 1:500 - 1:1000

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**4792
P25963

### **Immunogen**

Synthetic peptide. This information is considered to be commercially sensitive.

### **Synonyms**

IKBA; MAD-3; NFKBI; EDAID2; Phospho-IκBα-S36

# **Contact**

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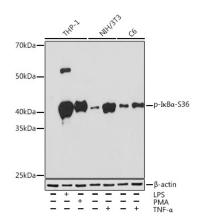
# **Product Information**

SourceIsotypePurificationRabbitIgGAffinity purification

### Storage

Store at -20  $^{\circ}\text{C}.$  Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.



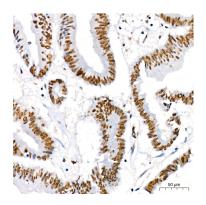
Western blot analysis of various lysates using Phospho-I $\kappa$ B $\alpha$ -S36 Rabbit mAb (AP0999) at 1:1000 dilution. THP-1 cells were treated with PMA/TPA (80 nM) at 37°C for overnight or treated with LPS (1  $\mu$ g/mL) at 37°C for 6 hours. Both NIH/3T3 cells and C6 cells were treated with TNF- $\alpha$  (20 ng/mL) at 37°C for 30 minutes. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

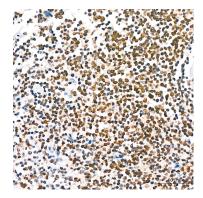
Blocking buffer: 3% BSA.

Detection: ECL Enhanced Kit (RM00021).

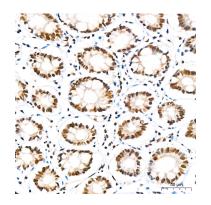
Exposure time: 3min.



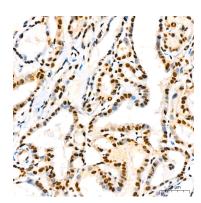
Immunohistochemistry analysis of paraffinembedded Human colon carcinoma using Phospho-IκB $\alpha$ -S36 Rabbit mAb (AP0999) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



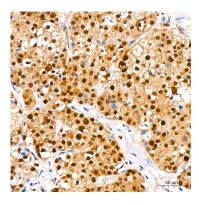
Immunohistochemistry analysis of paraffinembedded Human spleen using Phospho- $I\kappa B\alpha$ -S36 Rabbit mAb (AP0999) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



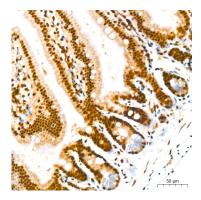
Immunohistochemistry analysis of paraffinembedded Human colon using Phospho-IκBα-S36 Rabbit mAb (AP0999) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



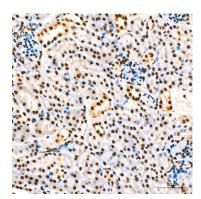
Immunohistochemistry analysis of paraffinembedded Human thyroid cancer using Phospho-I $\kappa$ B $\alpha$ -S36 Rabbit mAb (AP0999) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



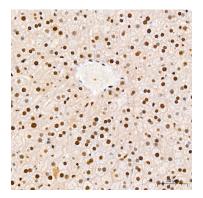
Immunohistochemistry analysis of paraffinembedded Human liver cancer using Phospho-IκB $\alpha$ -S36 Rabbit mAb (AP0999) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffinembedded Mouse intestin using Phospho-I $\kappa$ B $\alpha$ -S36 Rabbit mAb (AP0999) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffinembedded Mouse kidney using PhospholkB $\alpha$ -S36 Rabbit mAb (AP0999) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffinembedded Mouse liver using Phospho-lkB $\alpha$ -S36 Rabbit mAb (AP0999) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.