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Phospho-IKKα/β-S176/180 Rabbit pAb

Catalog No.: AP0546 **11 Publications**

Basic Information

Observed MW
85kDa

Calculated MW
84kDa/29kDa/79kDa/85kDa/86kDa

Category
Primary antibody

Applications
WB,IHC-P,ELISA

Cross-Reactivity
Human, Mouse, Rat

Background

This gene encodes a member of the serine/threonine protein kinase family. The encoded protein, a component of a cytokine-activated protein complex that is an inhibitor of the essential transcription factor NF-kappa-B complex, phosphorylates sites that trigger the degradation of the inhibitor via the ubiquination pathway, thereby activating the transcription factor. [provided by RefSeq, Jul 2008]

Recommended Dilutions

WB	1:500 - 1:1000
IHC-P	1:100 - 1:500
ELISA	Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID
1147/3551

Swiss Prot
O15111/O14920

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

Synonyms

Contact

400-999-6126

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Product Information

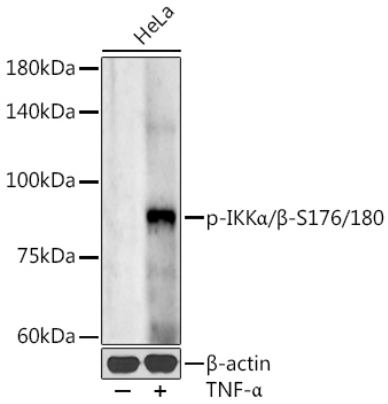
Source
Rabbit

Isotype
IgG

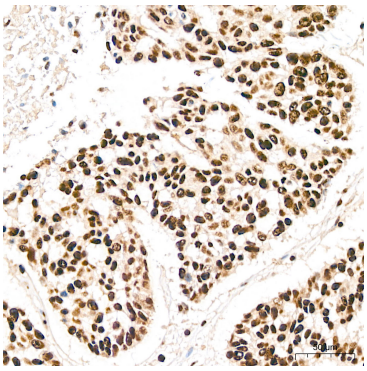
Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

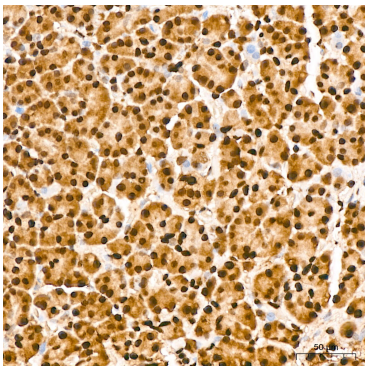
Validation Data



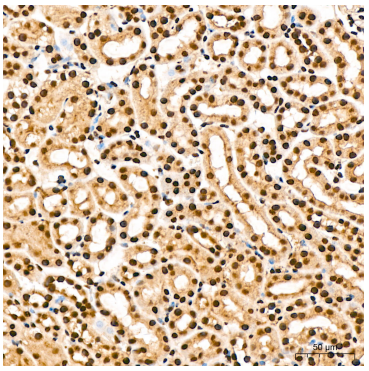
Western blot analysis of lysates from HeLa cells, using Phospho-IKKα/β-S176/180 Rabbit pAb (AP0546) at 1:1000 dilution. HeLa cells were treated with TNF-α (20 ng/ml) at 37℃ for 30 minutes after serum-starvation overnight.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Enhanced Kit (RM00021).
Exposure time: 90s.



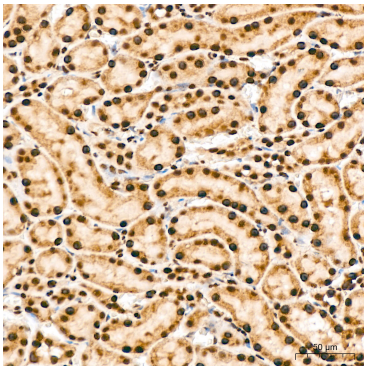
Immunohistochemistry analysis of paraffin-embedded Human lung cancer tissue using Phospho-IKKα/β-S176/180 Rabbit pAb (AP0546) at a dilution of 1:500 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



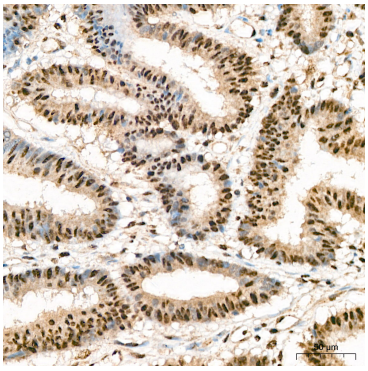
Immunohistochemistry analysis of paraffin-embedded Human pancreas tissue using Phospho-IKKα/β-S176/180 Rabbit pAb (AP0546) at a dilution of 1:500 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



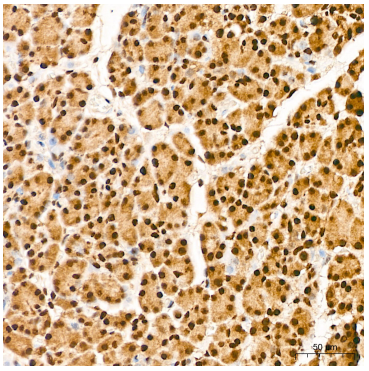
Immunohistochemistry analysis of paraffin-embedded Mouse kidney tissue using Phospho-IKKα/β-S176/180 Rabbit pAb (AP0546) at a dilution of 1:500 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Rat kidney tissue using Phospho-IKKα/β-S176/180 Rabbit pAb (AP0546) at a dilution of 1:500 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.

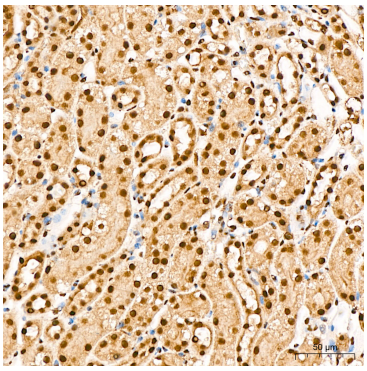


Immunohistochemistry analysis of paraffin-embedded Human colon carcinoma tissue using Phospho-IKKα/β-S176/180 Rabbit pAb (AP0546) at a dilution of 1:300 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.

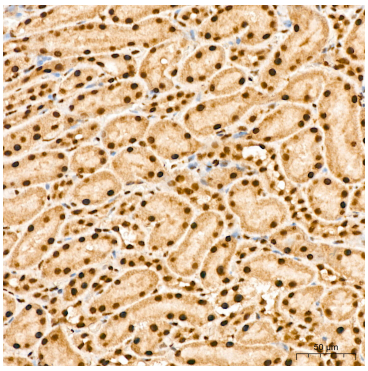


Immunohistochemistry analysis of paraffin-embedded Human pancreas tissue using Phospho-IKKα/β-S176/180 Rabbit pAb (AP0546) at a dilution of 1:300 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.

Validation Data



Immunohistochemistry analysis of paraffin-embedded Mouse kidney tissue using Phospho-IKKα/β-S176/180 Rabbit pAb (AP0546) at a dilution of 1:300 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Rat kidney tissue using Phospho-IKKα/β-S176/180 Rabbit pAb (AP0546) at a dilution of 1:300 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.