

Phospho-NF- κ B2-S866 Rabbit pAb

Catalog No.: AP0418

10 Publications

Basic Information

Observed MW

120kDa

Calculated MW

97kDa

Category

Primary antibody

Applications

ELISA, WB, IHC-P, IF/ICC

Cross-Reactivity

Human, Mouse

Background

This gene encodes a subunit of the transcription factor complex nuclear factor-kappa-B (NFkB). The NFkB complex is expressed in numerous cell types and functions as a central activator of genes involved in inflammation and immune function. The protein encoded by this gene can function as both a transcriptional activator or repressor depending on its dimerization partner. The p100 full-length protein is co-translationally processed into a p52 active form. Chromosomal rearrangements and translocations of this locus have been observed in B cell lymphomas, some of which may result in the formation of fusion proteins. There is a pseudogene for this gene on chromosome 18. Alternative splicing results in multiple transcript variants.

Recommended Dilutions

WB	1:500 - 1:2000
IHC-P	1:50 - 1:100
IF/ICC	1:50 - 1:100

Immunogen Information

Gene ID

4791

Swiss Prot

Q00653

ImmunogenA synthetic phosphorylated peptide around S866 of human NF- κ B2 (NP_001070962.1).**Synonyms**p52; p100; H2TF1; LYT10; CVID10; LYT-10; NF- κ B2; p49/p100; Phospho-NF- κ B2-S866

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

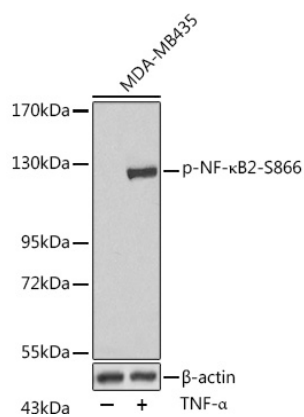
Affinity purification

Storage

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

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

Validation Data

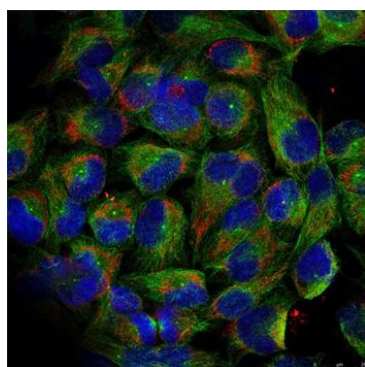


Western blot analysis of lysates from MDA-MB435 cells, using Phospho-NF-κB2-S866 Rabbit pAb (AP0418) at dilution. MDA-MB435 cells were treated by TNF-α.

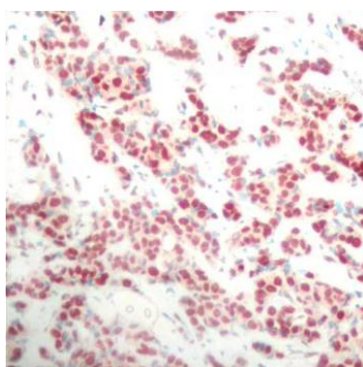
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25μg per lane.

Blocking buffer: 3% BSA.



Immunofluorescence analysis of methanol-fixed HeLa cells using Phospho-NF-κB2-S866 Rabbit pAb (AP0418).



Immunohistochemistry analysis of Phospho-NF-κB2-S866 in paraffin-embedded human breast carcinoma using Phospho-NF-κB2-S866 Rabbit pAb (AP0418). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.