

Anti-NFkB p100 Antibody (1L126)

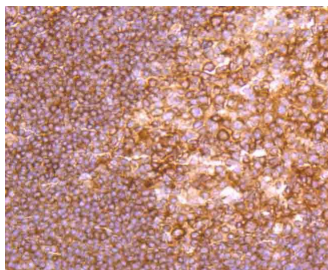
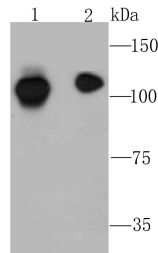
Product Details

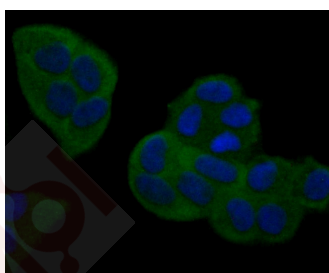
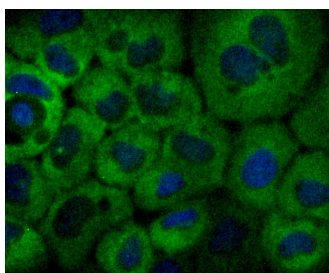
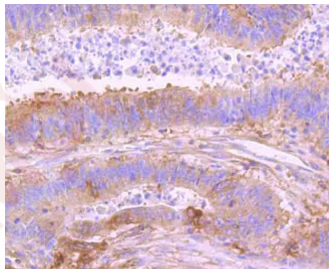
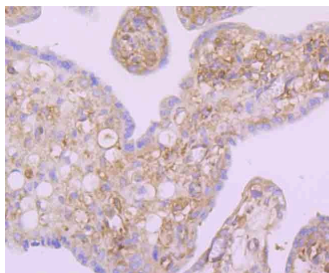
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|-------------------|------------------------|
| Ig Type: | IgG |
| Reactivity: | Human,Mouse,Rat |
| Conjugation: | Unconjugated |
| Molecular Weight: | Theoretical: 100 kDa. |
| Clone: | 1L126 |
| Purification: | ProA affinity purified |

Applications

Verified Activity:

1. Western blot analysis of NFkB p100 on Hela (1) and MCF-7 (2) cell using anti-NFkB p100 antibody at 1/1,000 dilution.
2. Immunohistochemical analysis of paraffin-embedded human tonsil tissue using anti-NFkB p100 antibody. Counter stained with hematoxylin.
3. Immunohistochemical analysis of paraffin-embedded human placenta tissue using anti-NFkB p100 antibody. Counter stained with hematoxylin.
4. Immunohistochemical analysis of paraffin-embedded human colon cancer tissue using anti-NFkB p100 antibody. Counter stained with hematoxylin.
5. ICC staining NFkB p100 in A431 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.
6. ICC staining NFkB p100 in Hela cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.





Application: ICC/IF,IHC,IP,WB

Recommended WB: 1:500-2000; IHC: 1:50-200; ICC/IF: 1:50-200

Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen: Recombinant Protein

Uniprot ID: Q00653

Synonyms: Lymphocyte translocation chromosome 10 protein;p100;NFKB p52/p100 subunit;Transcription factor NFKB2;Nuclear factor of kappa light polypeptide gene enhancer in B cells 2 (p49/p100); H2TF1;Oncogene Lyt 10;NF kB2;LYT 10;NFKBp100;CVID10;DNA binding factor KBF2;Nuclear factor Kappa B subunit 2;Nuclear factor of kappa light polypeptide gene enhancer in B cells 2

Research Background

NFKB2 appears to have dual functions such as cytoplasmic retention of attached NF-kappa-B proteins by p100 and generation of p52 by a cotranslational processing. The proteasome-mediated process ensures the production of both p52 and p100 and preserves their independent function. p52 binds to the kappa-B consensus sequence 5'-GGRNNYYCC-3', located in the enhancer region of genes involved in immune response and acute phase reactions. p52 and p100 are respectively the minor and major form; the processing of p100 being relatively poor. Isoform p49 is a subunit of the NF-kappa-B protein complex, which stimulates the HIV enhancer in synergy with p65.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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