

Anti-NF-KB p100 Rabbit pAb

Purified Rabbit Polyclonal Antibody

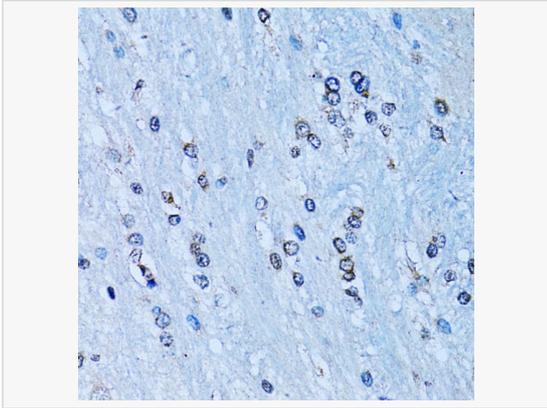
Catalog # P106059

Product Information

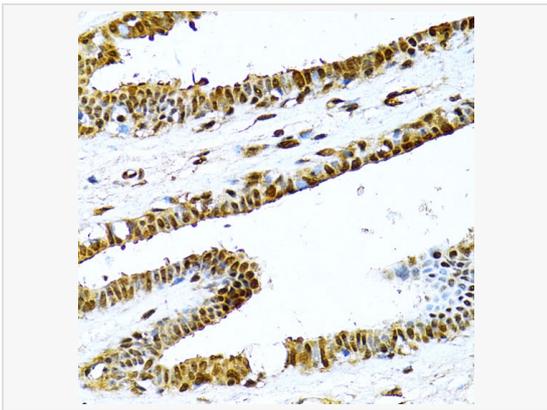
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|-------------|---|
| Application | WB, IHC-P/IF (Tissue-P), IF (Cell)/ICC, ELISA |
| Reactivity | Human, Mouse, Rat |
| Dilution | WB 1:500~1:2,000; IHC-P 1:50~1:200; IF 1:50~1:200 |
| Host | Rabbit |
| Clonality | Polyclonal |
| Isotype | IgG |
| Label | Unconjugated |
| Immunogen | Recombinant fusion protein containing a sequence corresponding to amino acids 690-899 of human NF- κ B2 (NP_002493.3). |
| Format | Affinity purified polyclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3. |
| Storage | Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage. |
| Precautions | Anti-NF-KB p100 Rabbit pAb is for research use only and not for use in diagnostic or therapeutic procedures. |

Protein Information

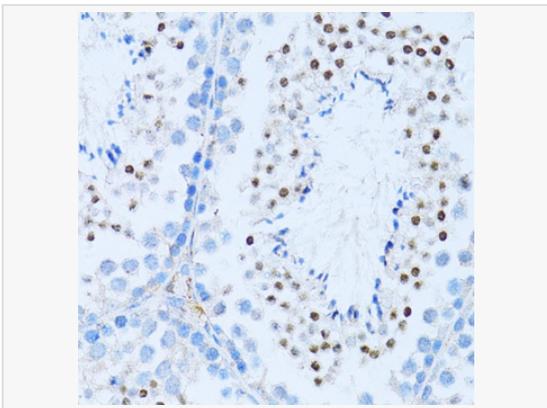
| | |
|---------------|--|
| Synonyms | p52; p100; H2TF1; LYT10; CVID10; LYT-10; NF- κ B2; p49/p100; NF- κ B2. |
| Calculated MW | Calculated MW: 97 kDa; Observed MW: 120 kDa |
| Uniprot ID | Q00653 |
| Gene ID | 4791 |
| Background | This gene encodes a subunit of the transcription factor complex nuclear factor-kappa-B (NF κ B). The NF κ B 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. |



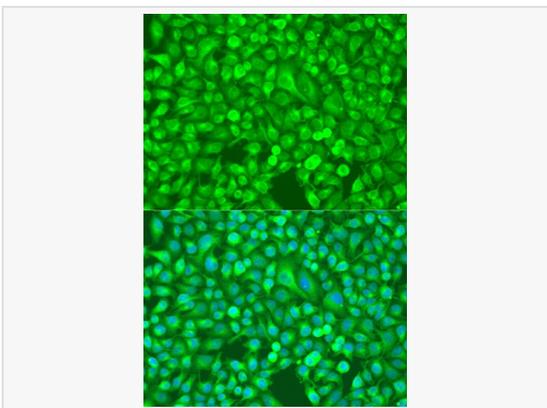
Immunohistochemistry analysis of paraffin-embedded Rat brain using NF- κ B2 Rabbit pAb (P106059) at dilution of 1:100 (40 \times lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



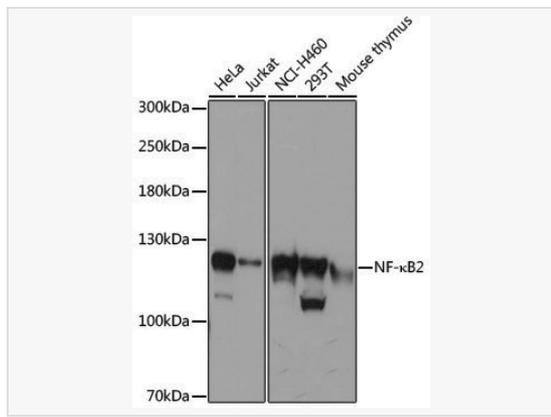
Immunohistochemistry analysis of paraffin-embedded Human breast using NF- κ B2 Rabbit pAb (P106059) at dilution of 1:100 (40 \times lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse testis using NF- κ B2 Rabbit pAb (P106059) at dilution of 1:100 (40 \times lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunofluorescence analysis of U2OS cells using NF- κ B2 Rabbit pAb (P106059) at dilution of 1:100. Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Western blot analysis of various lysates using NF-κB2 Rabbit pAb (P106059) at 1:3,000 dilution.

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (LF102) at 1:10,000 dilution.

Lysates/proteins: 25μg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Kit (SQ201).

Exposure time: 30s.