

## NFκB-p105(Ab-907) Antibody

Catalog No: #21019

Package Size: #21019-1 50ul #21019-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

## Description

|                       |   |
|-----------------------|---|
| Product Name          | NFκB-p105(Ab-907) Antibody  |
| Host Species          | Rabbit  |
| Clonality             | Polyclonal  |
| Purification          | Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide. |
| Applications          | WB IHC  |
| Species Reactivity    | Hu  |
| Specificity           | The antibody detects endogenous level of total NFκB-p105 protein.   |
| Immunogen Type        | Peptide-KLH   |
| Immunogen Description | Peptide sequence around aa.905~909 (P-L-S-P-A) derived from Human NFκB-p105.  |
| Target Name           | NFκB-p105   |
| Other Names           | DNA-binding factor KBF1; EBP-1; NF-kappa-B1 p84/NF-kappa-B1 p98; NFκB1; NFκB-p50  |
| Accession No.         | Swiss-Prot: P19838NCBI Protein: NP_001158884.1  |
| Uniprot               | P19838  |
| GeneID                | 4790;   |
| Concentration         | 1.0mg/ml  |
| Formulation           | Supplied at 1.0mg/mL in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.                  |
| Storage               | Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.   |

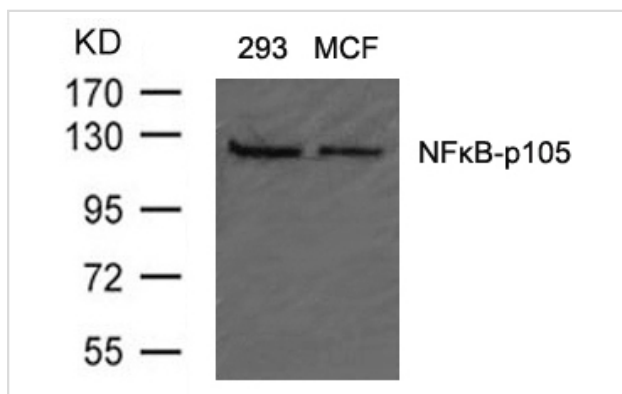
## Application Details

Predicted MW: 120 kd

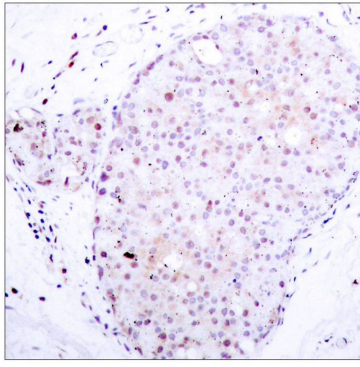
Western blotting: 1:500~1:1000

Immunohistochemistry: 1:50~1:100

## Images



Western blot analysis of extracts from 293 and MCF cells using NFκB-p105(Ab-907) Antibody #21019.



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using NFkB-p105(Ab-907) Antibody #21019

## Background

NF-kappa-B is a pleiotropic transcription factor which is present in almost all cell types and is involved in many biological processes such as inflammation, immunity, differentiation, cell growth, tumorigenesis and apoptosis. NF-kappa-B is a homo- or heterodimeric complex formed by the Rel-like domain-containing proteins RELA/p65, RELB, NFKB1/p105, NFKB1/p50, REL and NFKB2/p52. The dimers bind at kappa-B sites in the DNA of their target genes and the individual dimers have distinct preferences for different kappa-B sites that they can bind with distinguishable affinity and specificity. Different dimer combinations act as transcriptional activators or repressors, respectively.

Hou S, et al. (2003) *J Biol Chem.* 278(46): 45994-45998.

Baeuerle P A, et al. (1994) *Annu Rev Immunol.* 12:141-179.

Baeuerle P A, et al. (1996) *Cell* 87:13-20.

Haskill S, et al. (1991) *Cell* 65:1281-1289.

Note: This product is for in vitro research use only