

NF-κB p105/p50 Antibody

Catalog No: #48117

Package Size: #48117-1 50ul #48117-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

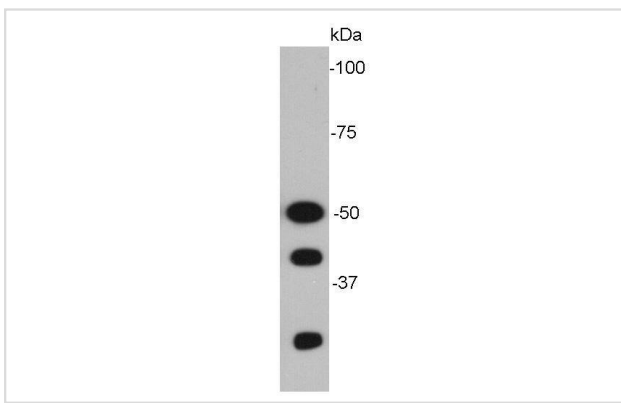
Description

Product Name	NF-κB p105/p50 Antibody
Host Species	Mouse
Clonality	Monoclonal
Clone No.	A2-7
Purification	ProA affinity purified
Applications	WB, ICC, IHC
Species Reactivity	Hu,Ms
Immunogen Description	This antibody is produced by immunizing mice with a synthetic peptide (KLH-coupled) corresponding to NF-κB p105/p50.
Other Names	DKFZp686C01211 antibody DNA binding factor KBF1 antibody DNA binding factor KBF1 EBP1 antibody DNA-binding factor KBF1 antibody EBP 1 antibody EBP-1 antibody EBP1 antibody KBF1 antibody MGC54151 antibody NF kappa B antibody NF kappaB antibody NF kappabeta antibody NF kB1 antibody NFkappaB antibody NFKB 1 antibody NFKB p105 antibody NFKB p50 antibody Nfkb1 antibody NFKB1_HUMAN antibody Nuclear factor kappa B DNA binding subunit antibody Nuclear factor kappa-B, subunit 1 antibody Nuclear factor NF kappa B p105 subunit antibody Nuclear factor NF kappa B p50 subunit antibody Nuclear factor NF-kappa-B p50 subunit antibody Nuclear factor of kappa light chain gene enhancer in B cells 1 antibody Nuclear factor of kappa light polypeptide gene enhancer in B cells 1 antibody Nuclear factor of kappa light polypeptide gene enhancer in B-cells 1 antibody p105 antibody p50 antibody p84/NF-kappa-B1 p98 antibody Transcription factor NFKB1 antibody
Accession No.	Swiss-Prot#:P19838
Uniprot	P19838
GeneID	4790;
Calculated MW	50kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

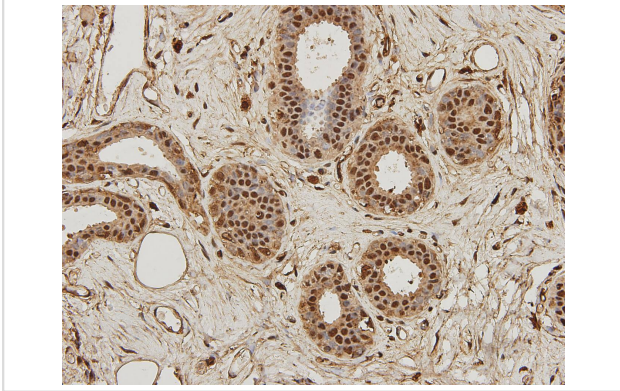
Application Details

WB: 1:1,000-1:2,000 IHC: 1:200-1:500 ICC: 1:200

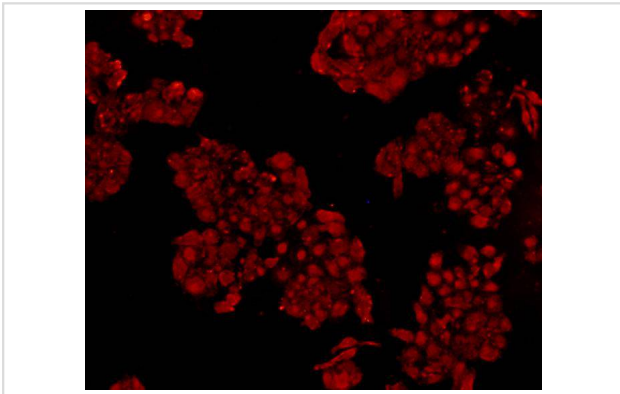
Images



Western blot analysis of NF-κB p105/p50 on MCF-7 cell lysates.



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using anti-NF-κB p105/p50 antibody. Counter stained with hematoxylin.



ICC staining NF-κB p105/p50 in HepG2 cells (red). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

Background

NF-κappa-B is a pleiotropic transcription factor present in almost all cell types and is the endpoint of a series of signal transduction events that are initiated by a vast array of stimuli related to many biological processes such as inflammation, immunity, differentiation, cell growth, tumorigenesis and apoptosis. NF-κappa-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 and the heterodimeric p65-p50 complex appears to be most abundant one. 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. NF-κappa-B is controlled by various mechanisms of post-translational modification and subcellular compartmentalization as well as by interactions with other cofactors or corepressors. NF-κappa-B heterodimeric p65-p50 and RelB-p50 complexes are transcriptional activators.

References

Note: This product is for in vitro research use only