

Rabbit anti-Human, Mouse NFkappaB-p105/p50 Polyclonal Antibody | anti-NFkappaB-p105/p50 antibody

NFkappaB-p105/p50 (Phospho-Ser337) Rabbit Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA318642	Rabbit	Human, Mouse	ELISA, Immunofluorescence, Immunohistochemistry, Western Blot

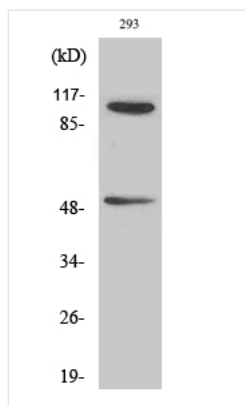
PRODUCT SYNONYMS

NFkappaB-p105/p50; Polyclonal Antibody; NFkappaB-p105/p50 (Phospho-Ser337) Rabbit Polyclonal Antibody; NFkappaB1; Nuclear factor NF-kappa-B p105 subunit; DNA-binding factor KBF1; EBP-1; Nuclear factor of kappa light polypeptide gene enhancer in B-cells 1; BH6842; anti-NFkappaB-p105/p50 antibody

PRODUCT SPECIFICATIONS

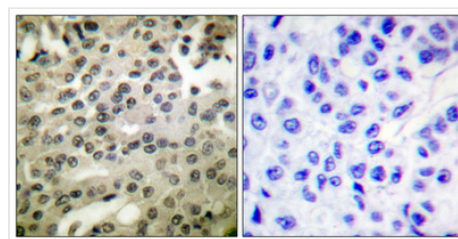
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	Phospho-NFkappaB-p105/p50 (S337) Polyclonal Antibody detects endogenous levels of NFkappaB-p105/p50 protein only when phosphorylated at S337.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-NFkappaB-p105/p50 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Synthesized phospho-peptide around the phosphorylation site of human NFkappaB-p105/p50 (phospho Ser337)
Modification	Phospho Specific
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



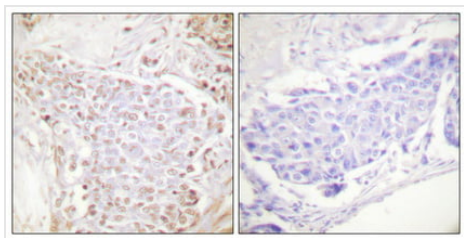
WB (Western Blot)

Western Blot analysis of various cells using Phospho-NFκB-p105/p50 (S337) Polyclonal Antibody diluted at 1:500



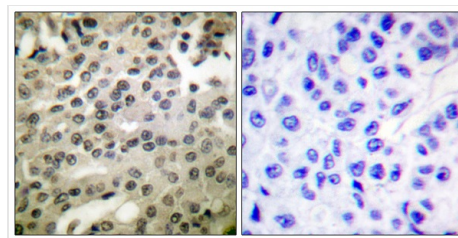
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human breast cancer. Antibody was diluted at 1:100(4 degree overnight). High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negative contrl (right) obtained from antibody was pre-absorbed by immunogen peptide.



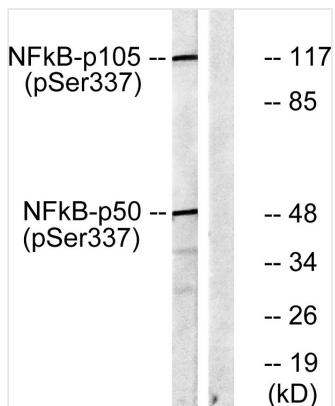
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human breast cancer. Antibody was diluted at 1:100(4 degree overnight). High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negative ctrl (right) obtained from antibody was pre-absorbed by immunogen peptide.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human breast cancer, using NF-κB p105/p50 (Phospho-Ser337) Antibody. The picture on the right is blocked with the NF-κB p105/p50 (Phospho-Ser337) peptide.



WB (Western Blot)

Western blot analysis of NF-κB p105/p50 (Phospho-Ser337) Antibody. The lane on the right is blocked with the NF-κB p105/p50 (Phospho-Ser337) peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-NFκappaB-p105/p50 antibody

nuclear factor kappa B subunit 1 (NFκappaB1) Homo sapiens This gene encodes a 105 kD protein which can undergo cotranslational processing by the 26S proteasome to produce a 50 kD protein. The 105 kD protein is a Rel protein-specific transcription inhibitor and the 50 kD protein is a DNA binding subunit of the NF-kappa-B (NFκappaB) Protein complex. NFκappaB is a transcription regulator that is activated by various intra- and extra-cellular stimuli such as cytokines, oxidant-free radicals, ultraviolet irradiation, and bacterial or viral products. Activated NFκappaB translocates into the nucleus and stimulates the expression of genes involved in a wide variety of biological functions. Inappropriate activation of NFκappaB has been associated with a number of inflammatory diseases while persistent inhibition of NFκappaB leads to inappropriate immune cell development or delayed cell growth. Alternative splicing results in multiple transcript variants encoding different isoforms.

NCBI AND UNIPROT INFORMATION

NCBI GI #	259155302
NCBI GeneID	4790
NCBI Accession #	NP_001158884.1
NCBI GenBank Nucleotide #	NM_001165412.1
UniProt Accession #	P19838; Q68D84; Q86V43; Q8N4X7; Q9NZC0; A8K5Y5; B3KVE8
Molecular Weight	105,356 Da
NCBI Official Full Name	nuclear factor NF-kappa-B p105 subunit isoform 2
NCBI Official Synonym Full Names	nuclear factor of kappa light polypeptide gene enhancer in B-cells 1
NCBI Official Symbol	NFKB1
NCBI Official Synonym Symbols	p50; KBF1; p105; EBP-1; NF-kB1; NFKB-p50; NFκappaB; NF-kappaB; NFKB-p105; NF-kappa-B

NCBI Protein Information	nuclear factor NF-kappa-B p105 subunit; NF-kappabeta; DNA binding factor KBF1; DNA-binding factor KBF1; nuclear factor NF-kappa-B p50 subunit; nuclear factor kappa-B DNA binding subunit
UniProt Protein Name	Nuclear factor NF-kappa-B p105 subunit
UniProt Gene Name	NFKB1
UniProt Entry Name	NFKB1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/nfkappab-p105-p50-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/318642>