

Cat. No: ABP11225
Conjugate: Unconjugated
Size: 100 ug
Clone: POLY
Concentration: 1mg/ml
Host: Rabbit
Isotype: IgG

Immunogen: The antiserum was produced against synthesized peptide derived from human NF-kappaB p105/p50 around the phosphorylation site of Ser337. AA range:304-353

Reactivity: Human, Mouse, Rat

Applications: Western Blot: 1/500 - 1/2000.
 Immunohistochemistry: 1/100 - 1/300
 Immunofluorescence: 1/200 - 1/1000

Molecular Weight: 105 kDa

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

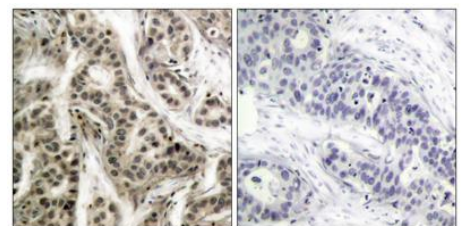
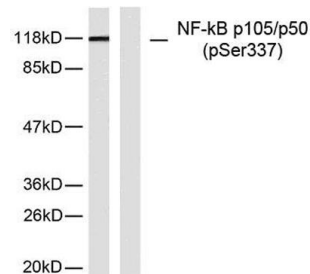
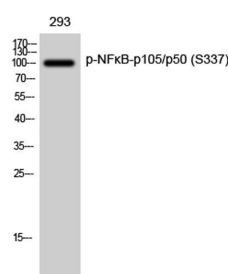
Synonyms: NFKB1; Nuclear factor NF-kappa-B p105 subunit; DNA-binding factor KBF1; EBP-1; Nuclear factor of kappa light polypeptide gene enhancer in B-cells 1

Background: nuclear factor kappa B subunit 1(NFKB1) 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 (NFKB) protein complex. NFKB 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 NFKB translocates into the nucleus and stimulates the expression of genes involved in a wide variety of biological functions. Inappropriate activation of NFKB has been associated with a number of inflammatory diseases while persistent inhibition of NFKB leads to inappropriate immune cell development or delayed cell growth.

Form: Liquid

Buffer: Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Storage: Store at -20°C. Avoid repeated freeze-thaw cycles



Immunohistochemistry analysis of paraffin-embedded human breast

**Product Data Sheet:
Phospho NFκB-p50/p105 (Ser337) Rabbit Polyclonal
Antibody**

Western Blot analysis of 293 cells using
Phospho-NFκB-p105/p50 (S337)
Polyclonal Antibody diluted at 1:1000

Western blot analysis of lysates from
MDA-MB-435 cells,
using NF-kappaB p105/p50 (Phospho-
Ser337) Antibody.
The lane on the left is blocked with the
phospho peptide.

carcinoma, using NF-kappaB p105/p50
(Phospho-Ser337) Antibody. The picture
on the right is blocked with the phospho
peptide.

**For Research use only
IMMUNOLOGICAL SCIENCES**