

NFKB1 Antibody

Nuclear factor kappa-B DNA binding subunit

CATALOG NO.: XW-7407

BACKGROUND:

Nuclear factor kappa-B DNA binding subunit; Nuclear factor of kappa light chain gene enhancer in B-cells 1 (p105). NFkappaB has been detected in numerous cell types that express cytokines, chemokines, growth factors, cell adhesion molecules, and some acute phase proteins in health and in various disease states. NFkappaB is activated by a wide variety of stimuli such as cytokines, oxidant-free radicals, inhaled particles, ultraviolet irradiation, and bacterial or viral products. Inappropriate activation of NF-kappa-B has been linked to inflammatory events associated with autoimmune arthritis, asthma, septic shock, lung fibrosis, glomerulonephritis, atherosclerosis, and AIDS. In contrast, complete and persistent inhibition of NF-kappa-B has been linked directly to apoptosis, inappropriate immune cell development, and delayed cell growth.

TESTED APPLICATION:

WB

SPECIES REACTIVITY:

H,M,R

CLONALITY:

Polyclonal

HOST:

Chicken

IMMUNOGEN:

432-499

PROTEIN GI #:

0

PROTEIN ACCESSION #:

NP_003989.1

PURIFICATION:

Antigen affinity-purified

BUFFER:

Phosphate-Buffered Saline. No preservatives added.

APPLICATION:

NFkB IgY antibody can be used for the detection of NFkB by Western blot, may also work for IHC and ICC.

STORAGE:

This antibody can be stored at 4°C for short term (weeks). Long term storage should be at -20°C. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

USER NOTES:

When working with antibodies optimal dilutions/concentrations should be determined by the end user for each application. The information provided is a guideline for antibody use. As with all ProSci antibodies, this antibody is for research use only.