NFkB p105/p50 Rabbit mAb

Catalog No: #48680

Package Size: #48680-1 50ul #48680-2 100ul

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

Description

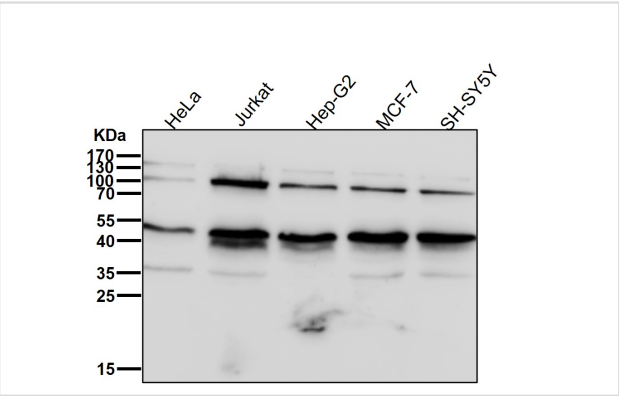
Product Name	NFkB p105/p50 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal
Clone No.	SZ20-01
Purification	Affinity-chromatography
Applications	WB, IHC
Species Reactivity	Human;Mouse;Rat
Immunogen Description	A synthesized peptide derived from human NF-κB (p105/p50)
Conjugates	Unconjugated
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
Calculated MW	50kDa/120kDa
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Application Details

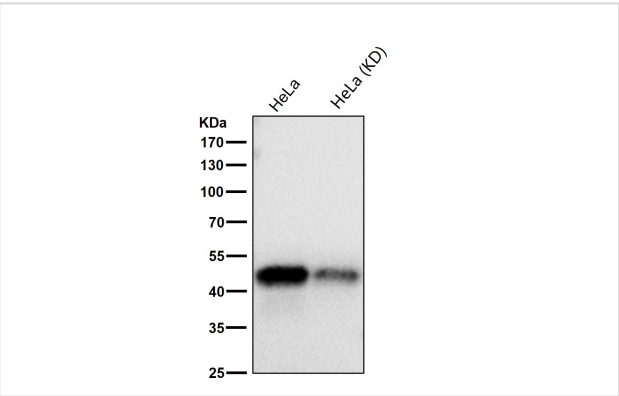
WB 1:500~1:2000

IHC 1:50~1:200

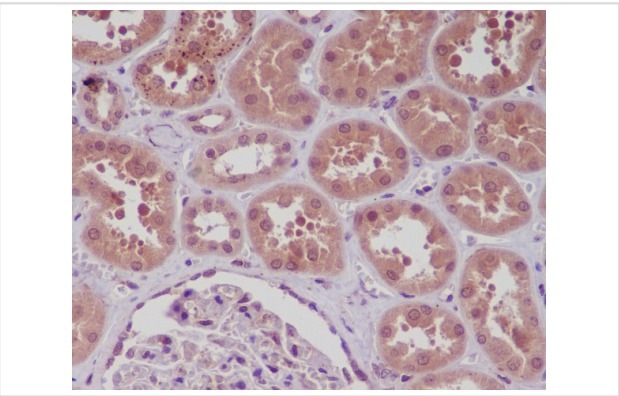
Images



All lanes use the Antibody at 1:2K dilution for 1 hour at room temperature.



All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.



Immunohistochemical analysis of paraffin-embedded human kidney, using NF-κB p105/p50 Antibody.

Background

NF-κB-p105 a transcription factor of the nuclear factor-kappaB (NF-κB) group. Undergoes 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 NF-κB. NF-κB 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.

References

1. Liu Z et al. Mark4 promotes oxidative stress and inflammation via binding to PPAR and activating NF-kB pathway in mice adipocytes. Sci Rep 6:21382 (2016).
2. Lin JJ et al. Toll-like receptor 4 signaling in neurons of trigeminal ganglion contributes to nociception induced by acute pulpitis in rats. Sci Rep 5:12549 (2015).

Published Papers

Sijing Liu;Kai Li;Changhai Long;Mingwu Lao;Biao Ma;Changquan Liu;Haoyuan He;Chunjiang Wang;Wangzhu Chen;Bin Yu el at., The role of FTO in m6A RNA methylation and immune regulation in Staphylococcus aureus infection-related osteomyelitis., , (2025)

PMID:39980685

Note: This product is for in vitro research use only and is not intended for use in humans or animals.