

NFkB p50 Polyclonal Antibody

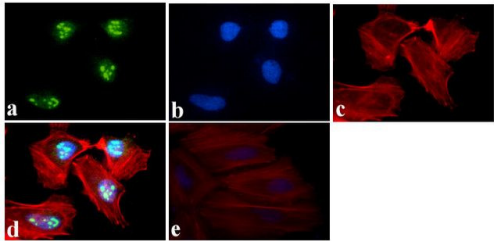
Product Details	
Size	100 µg
Species Reactivity	Human, Mouse
Published Species	Rat, Virus, Mouse, Human
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Recombinant protein derived from an internal region of the human NF-kappa-B (p50) (nuclear factor of kappa-B).
Form	Liquid
Concentration	0.25 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS, pH 7.4
Contains	0.1% sodium azide
Storage conditions	-20°C
RRID	AB_2533906

Applications	Tested Dilution	Publications
Western Blot (WB)	1.0 µg/mL	10 Publications
Immunohistochemistry (IHC)	-	1 Publication
Immunohistochemistry (Paraffin) (IHC (P))	1:20-1:200	-
Immunocytochemistry (ICC/IF)	1 µg/mL	1 Publication
Flow Cytometry (Flow)	-	1 Publication
ELISA (ELISA)	0.1-1.0 µg/mL	-
Gel Shift (GS)	5-10 µg/mL	-

Product Images For NFkB p50 Polyclonal Antibody

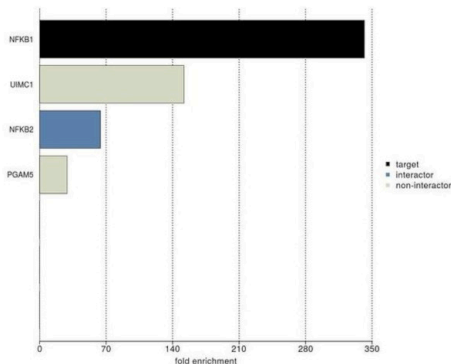
NFkB p50 Antibody (51-3500) in ICC/IF

Immunofluorescent analysis of NFkB p105/p50 Antibody was done on 70% confluent log phase HeLa cells. The cells were fixed with 4% paraformaldehyde for 15 minutes, permeabilized with 0.25% Triton™ X-100 for 10 minutes, and blocked with 5% BSA for 1 hour at room temperature. The cells were labeled with NFkB p105/p50 Antibody (Product # 38-5600) at 1µg/mL in 1% BSA and incubated for 3 hours at room temperature and then labeled with Alexa Fluor 488 Goat Anti-Rabbit IgG Secondary Antibody (Product # A-11008) at a dilution of 1: 400 for 45 minutes at room temperature (Panel a: green). Nuclei (Panel b: blue) were stained with SlowFade® Gold Antifade Mountant with DAPI (Product # S36938). F-actin (Panel c: red) was stained with Alexa Fluor 594 Phalloidin (Product # A12381). Panel d is a merged image showing Nuclear localization. Panel e is a no primary antibody control. The images were captured at 40X magnification.



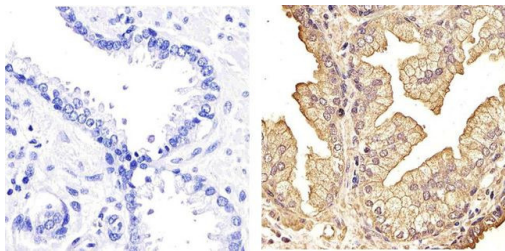
NFkB p50 Antibody (51-3500)

IP-MS enrichment of NFKB1 (LFQ intensity): NFKB1 was enriched 342-fold from LNCAP lysate compared to background proteins, using the optimized IP-MS workflow with Pierce MS-Compatible Magnetic IP Kit protein A/G (Product # 90409) and NFKB1 antibody (Product # 51-3500). See more information on IP-MS verification of antibody selectivity. {IP-MS}



NFkB p50 Antibody (51-3500) in IHC (P)

Immunohistochemistry analysis of NF-kappa-B-p105/p50 showing staining in the nucleus and cytoplasm of paraffin-embedded human prostate tissue (right) compared to a negative control without primary antibody (left). To expose target proteins, antigen retrieval was performed using 10mM sodium citrate (pH 6.0), microwaved for 8-15 min. Following antigen retrieval, tissues were blocked in 3% H2O2-methanol for 15 min at room temperature, washed with ddH2O and PBS, and then probed with a NF-kappa-B-p105/p50 polyclonal antibody (Product # 51-3500) diluted in 3% BSA-PBS at a dilution of 1:100 overnight at 4°C in a humidified chamber. Tissues were washed extensively in PBST and detection was performed using an HRP-conjugated secondary antibody followed by colorimetric detection using a DAB kit. Tissues were counterstained with hematoxylin and dehydrated with ethanol and xylene to prep for mounting.



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Western Blot (10)

Cell biology international	Year 2023
Nobiletin and xanthohumol counteract the TNF-mediated activation of endothelial cells through the inhibition of the NF-B signaling pathway.	
"Published figure using NFkB p50 polyclonal antibody (Product # 51-3500) in Western Blot"	
Authors: Corrado C,Barreca MM,Raimondo S,Diana P,Pepe G,Basilicata MG,Conigliaro A,Alessandro R	
Journal of neuroinflammation	Year 2023
The critical role of KLF4 in regulating the activation of A1/A2 reactive astrocytes following ischemic stroke.	Species Mouse
"Published figure using NFkB p50 polyclonal antibody (Product # 51-3500) in Western Blot"	Dilution 1:1,000
Authors: Wang C,Li L	

View more WB references on thermofisher.com

Immunohistochemistry (1)

Memorias do Instituto Oswaldo Cruz	Year 2013
Inhibition of rotavirus ECwt infection in ICR suckling mice by N-acetylcysteine, peroxisome proliferator-activated receptor gamma agonists and cyclooxygenase-2 inhibitors.	
"Published figure using NFkB p50 polyclonal antibody (Product # 51-3500) in Flow Cytometry"	
Authors: Guerrero CA,Paula Pardo VR,Rafael Guerrero OA	

Immunocytochemistry (1)

Memorias do Instituto Oswaldo Cruz	Year 2013
Inhibition of rotavirus ECwt infection in ICR suckling mice by N-acetylcysteine, peroxisome proliferator-activated receptor gamma agonists and cyclooxygenase-2 inhibitors.	
"Published figure using NFkB p50 polyclonal antibody (Product # 51-3500) in Flow Cytometry"	
Authors: Guerrero CA,Paula Pardo VR,Rafael Guerrero OA	

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Flow (1)

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