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Anti-NF-Kappa B (p105/p50) NFKB1 Rabbit Monoclonal Antibody

Catalog Number: M00283

Overview

Product Name	Anti-NF-Kappa B (p105/p50) NFKB1 Rabbit Monoclonal Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-NF-Kappa B (p105/p50) NFKB1 Rabbit Monoclonal Antibody catalog # M00283. Tested in WB, IHC applications. This antibody reacts with Human, Mouse, Rat.
Application	IHC, WB
Clonality	Monoclonal ID-14
Formulation	Rabbit IgG in stabilizing components, phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P19838

Technical Details

Immunogen	A synthesized peptide derived from human NF-kappaB (p105/p50)
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5mg/ml
Purification	Affinity-chromatography
Suggested Dilutions	WB 1:500-2000 IHC 1:50-200

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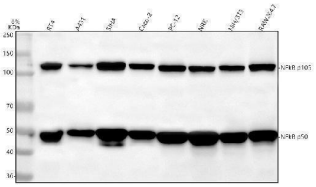
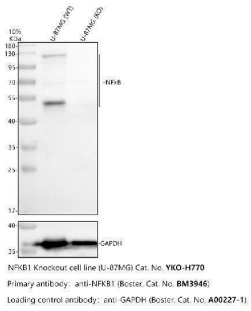
Anti-NF-Kappa B (p105/p50) NFKB1 Rabbit Monoclonal Antibody (M00283) Images



Western blot analysis of NF-kappaB p105/p50 using anti-NF-kappaB p105/p50 antibody (M00283). Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel) / 90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions. Lane 1: human RT4 whole cell lysates, Lane 2: human A431 whole cell lysates, Lane 3: human SiHa whole cell lysates, Lane 4: human CACO-2 whole cell lysates, Lane 5: rat PC-12 whole cell lysates, Lane 6: rat NRK whole cell lysates, Lane 7: mouse NIH/3T3 whole cell lysates, Lane 8: mouse RAW264.7 whole cell lysates. After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-NF-kappaB p105/p50 antigen affinity purified monoclonal antibody (M00283) at 1:500 overnight at 4°C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:500 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit (Catalog # EK1002) with Tanon 5200 system. A specific band was detected for NF-kappaB p105/p50 at approximately 50, 105 kDa. The expected band size for NF-kappaB p105/p50 is at 50, 105 kDa.



Western blot analysis of NFkB/NFKB1 p105/p50 using anti-NFkB/NFKB1 p105/p50 antibody (M00283). Electrophoresis was performed on a 10% SDS-PAGE gel at 80V (Stacking gel) / 120V (Resolving gel) for 2 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions. Lane 1: human U-87MG- WT whole cell lysates, Lane 2: human U-87MG-NFKB1 KO whole cell lysates.After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-NFkB/NFKB1 p105/p50 antigen affinity purified monoclonal antibody (M00283) at 0.5 ug/mL overnight at 4°C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:5000 for 1.5 hour at RT. The signal is developed using an ECL Plus Western Blotting Substrate (Catalog # AR1196-200) with Tanon 5200 system. A specific band was detected for NFkB/NFKB1 p105/p50 at approximately 105, 50 kDa. The expected band size for NFkB/NFKB1 p105/p50 is at 105, 50 kDa.

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

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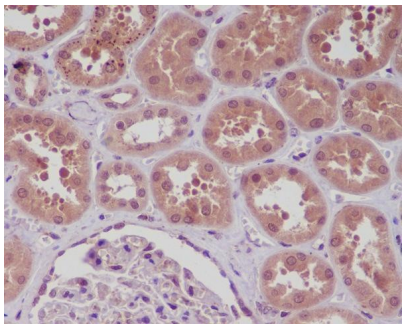

6 Publications Citing This Product

1. PubMed ID: 34036382, Xu QL,Wu J.Effects of Txk□mediated activation of NF□kappaB signaling pathway on neurological deficit and oxidative stress after ischemia□reperfusion in rats.Mol Med Rep.2021 Jul;24(1):524.doi:10.3892/mmr.2021.12163.Epub 2021 May 26.PMID:34036382.

2. PubMed ID: 32114356, Wang H,Qiu M,Li Y,Cheng D,Yang D,Yuan W.Combination of cyclophosphamide and shengbai decoction has synergistic effect against melanoma.Biomed Pharmacother.2020 Jun;126:109866.doi:10.1016/j.biopha.2020.109866.Epub 2020 Feb 27.PMID:32114356.

3. PubMed ID: 27413418, Hydrogen Sulfide Mitigates Kidney Injury in High Fat Diet-Induced Obese Mice

Visit bosterbio.com/anti-nf-kappa-b-p105-p50-rabbit-monoclonal-antibody-m00283-boster.html to see all 6 publications.

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