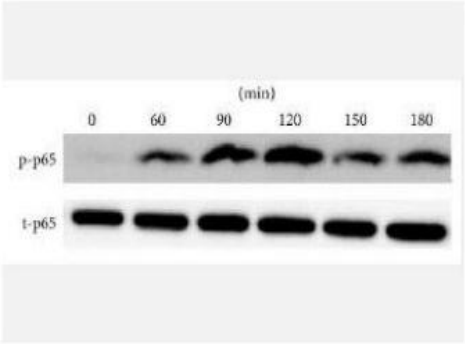
PRODUCT DATA SHEET

NFκB-p65 Polyclonal Antibody

Catalog No.	IPB0060
Reactivity	Human; Mouse; Rat
Applications	WB; IHC-p; ELISA
Dilution	WB: 1:500-1:2000 IHC: 1:50-1:200 ELISA: 1:5000
Gene Name	RELA
Protein Name	Transcription factor p65
Human Gene Id	5970
Swiss-Prot	Q04206
Formulation	Liquid in PBS containing 50% glycerol, 05% BSA and 002% sodium azide
Source	Rabbit
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Concentration	1 mg/ml
Storage&Stability	-20°C/1 year
Subcellular Location	Nucleus Cytoplasm Nuclear, but also found in the cytoplasm in an inactive form complexed to an inhibitor (I-kappa-B) (PubMed:1493333) Colocalized with DDX1 in the nucleus upon TNF-alpha induction (PubMed:19058135) Colocalizes with GFI1 in the nucleus after LPS stimulation (PubMed:20547752) Translocation to the nucleus is impaired in Lmonocytogenes infection (PubMed:20855622)
MW	60219
Background	NF-kappa-B is a ubiquitous transcription factor involved in several biological processes It is held in the cytoplasm in an inactive state by specific inhibitors Upon degradation of the inhibitor, NF-kappa-B moves to the nucleus and activates transcription of specific genes NF-kappa-B is composed of NFKB1 or NFKB2 bound to either REL, RELA, or RELB The most abundant form of NF-kappa-B is NFKB1 complexed with the product of this gene, RELA Four transcript variants encoding different isoforms have been found for this gene

Products Images:



Yan, Jinchuan, et al. "CD137 regulates NFATc1 expression in mouse VSMCs through TRAF6/NF-κB p65 signaling pathway." Mediators of inflammation 2015 (2015).

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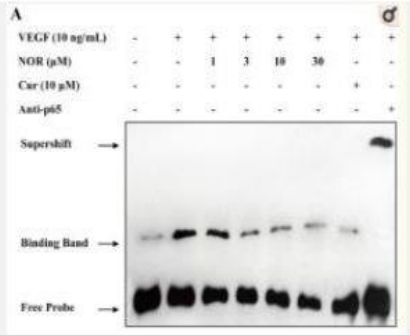
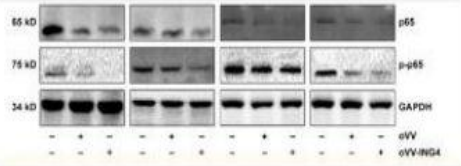
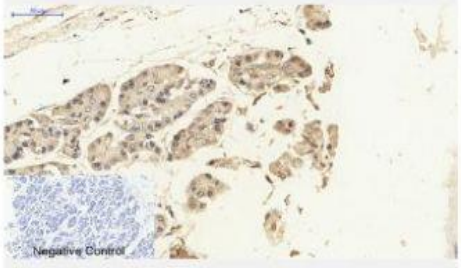


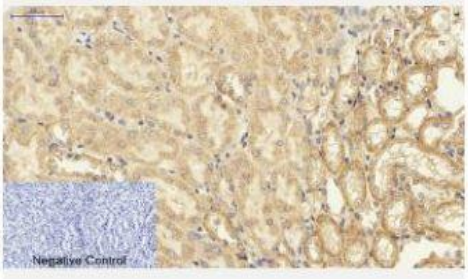
Lu, Qian, et al. "Norisoboldine suppresses VEGF-induced endothelial cell migration via the cAMP-PKA-NF-κB/Notch1 pathway." PloS one 8.12 (2013): e81220.



Peng, Jiamin, et al. "synergistic suppression effect on tumor growth of acute myeloid leukemia by combining cytarabine with an engineered oncolytic vaccinia virus." OncoTargets and therapy 11 (2018): 6887.



Immunohistochemical analysis of paraffin-embedded Human-stomach-cancer tissue. 1,NFκB-p65 Polyclonal Antibody was diluted at 1:200(4°C,overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98°C,20min). 3,Secondary antibody was diluted at 1:200(room tempeRature, 30min). Negative control was used by secondary antibody only.



Immunohistochemical analysis of paraffin-embedded Mouse-kidney tissue. 1,NFκB-p65 Polyclonal Antibody was diluted at 1:200(4°C,overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98°C,20min). 3,Secondary antibody was diluted at 1:200(room tempeRature, 30min). Negative control was used by secondary antibody only.

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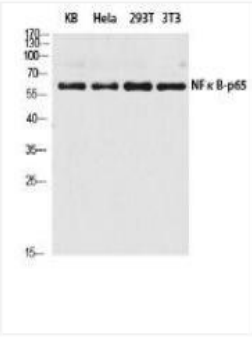
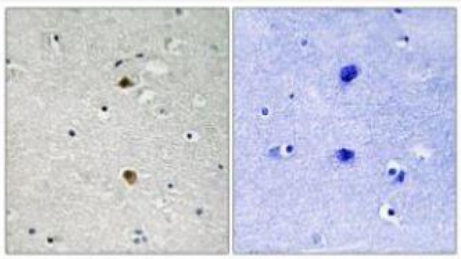
Western Blot analysis of hela cells using NFκB-p65 Polyclonal Antibody diluted at 1:2000

Western Blot analysis of hela using NFκB-p65 Polyclonal Antibody. Antibody was diluted at 1:2000



Western blot analysis of KB Hela 293T 3T3 lysis using NFκB-p65 antibody. Antibody was diluted at 1:2000



Immunohistochemistry analysis of paraffin-embedded human brain tissue, using NF-kappaB p65 Antibody. The picture on the right is blocked with the synthesized peptide.

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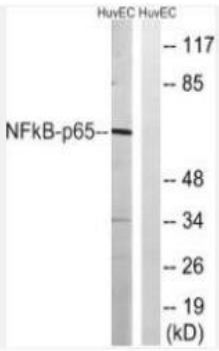
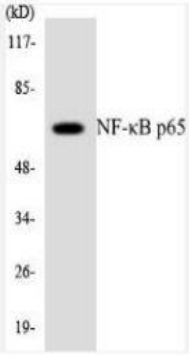
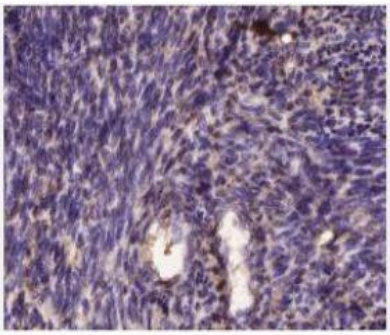


Western blot analysis of lysates from HUVEC cells, treated with EPO 20U/ml 15', using NF-kappaB p65 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from HeLa cells using NF-κB p65 antibody.



Immunohistochemical analysis of paraffin-embedded human Uterine cell rich leiomyoma Antibody was diluted at 1:200(4° overnight).