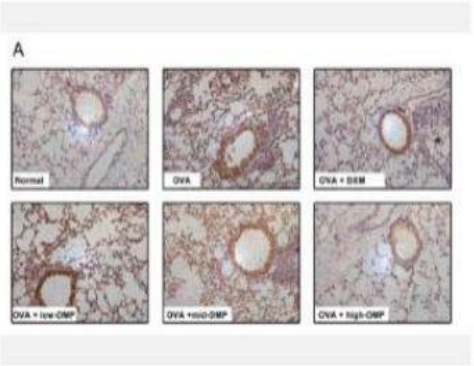
PRODUCT DATA SHEET

NFκB-p65 (phospho Ser536) Polyclonal Antibody

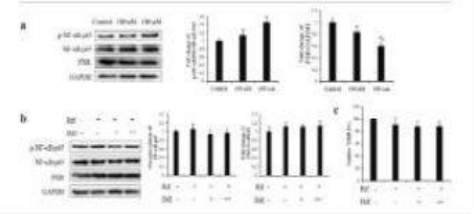
Catalog No.	IPH0008
Reactivity	Human;Mouse;Rat;Monkey
Applications	IF; WB; IHC; IP; ELISA
Gene Name	RELA
Protein Name	Transcription factor p65
Human Gene Id	5970
Swiss-Prot	Q04206
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit
Dilution	IF 1:50-200; WB 1:500-1:2000; IHC 1:100-1:300; IP 2-5 ug/mg lysate; ELISA 1:10000
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
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.
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 L.monocytogenes infection (PubMed:20855622).
MW	60kD (Observed)

Products Images:

PRODUCT DATA SHEET



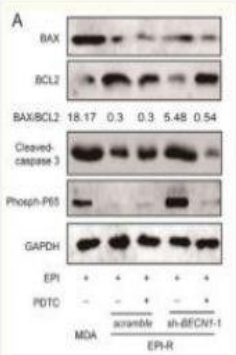
Lu, Yao, et al. "Preventive effects of donkey milk powder on the ovalbumin-induced asthmatic mice." Journal of Functional Foods 84 (2021): 104603.



Zhao, Guo-Ping, et al. "Imidacloprid increases intestinal permeability by disrupting tight junctions." Ecotoxicology and Environmental Safety 222 (2021): 112476.

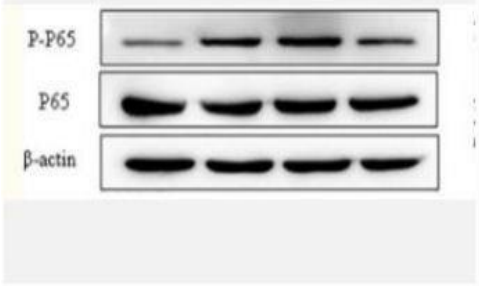


Zhang, Yanqiong, et al. "A discovery of clinically approved formula FBRP for repositioning to treat HCC by inhibiting PI3K/AKT/NF-κB activation." Molecular Therapy-Nucleic Acids19 (2020): 890-904.

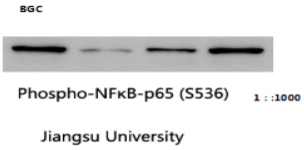


Zhang, Li-han, et al. "Enhanced autophagy reveals vulnerability of P-gp mediated epirubicin resistance in triple negative breast cancer cells." Apoptosis 21.4 (2016): 473-488.

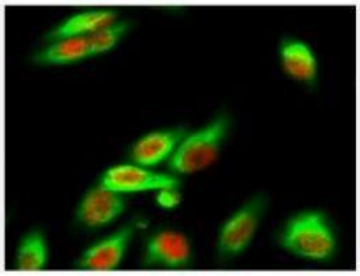
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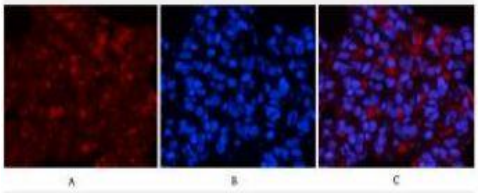
Yao, Yao, et al. "PSTPIP2 inhibits the inflammatory response and proliferation of fibroblast-like synoviocytes in vitro." Frontiers in pharmacology 9 (2018): 1432.



The picture was kindly provided by our customer

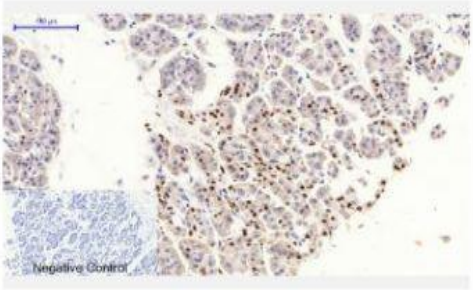


Immunofluorescence analysis of Hela cell. 1,NFκB-p65 (phospho Ser536) Polyclonal Antibody(red) was diluted at 1:200(4° overnight). α-tubulin Monoclonal Antibody(8F11) (green) was diluted at 1:200(4° overnight). 2, Goat Anti Rabbit Alexa Fluor 594 Catalog:RS3611 was diluted at 1:1000(room temperature, 50min). Goat Anti Mouse Alexa Fluor 488 Catalog:RS3208 was diluted at 1:1000(room temperature, 50min).

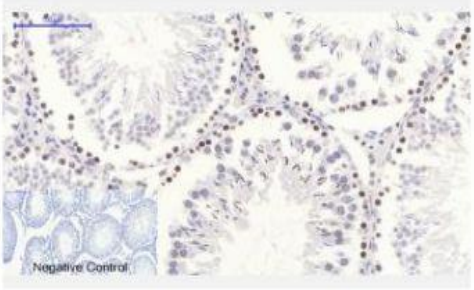


Immunofluorescence analysis of rat-lung tissue. 1,NFκB-p65 (phospho Ser536) Polyclonal Antibody(red) was diluted at 1:200(4°C,overnight). 2, Cy3 labled Secondary antibody was diluted at 1:300(room temperature, 50min).3, Picture B: DAPI(blue) 10min. Picture A:Target. Picture B: DAPI. Picture C: merge of A+B

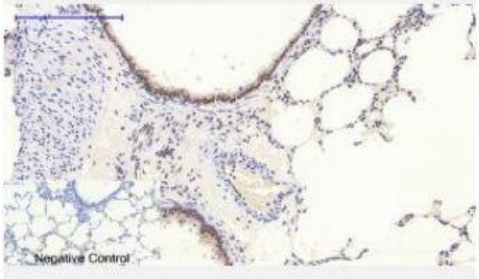
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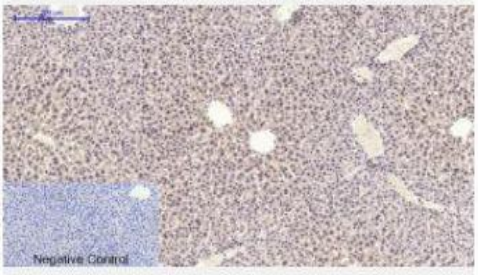
Immunohistochemical analysis of paraffin-embedded Human-stomach-cancer tissue. 1,NFκB-p65 (phospho Ser536) Polyclonal Antibody was diluted at 1:200(4°C,overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98°C,20min). 3,Secondary antibody was diluted at 1:200(room tempeRature, 30min). Negative control was used by secondary antibody only.



Immunohistochemical analysis of paraffin-embedded Rat-testis tissue. 1,NFκB-p65 (phospho Ser536) 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.

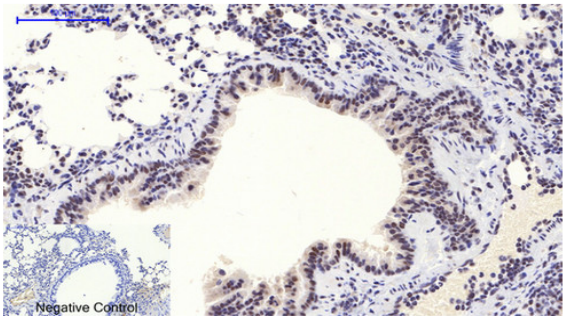


Immunohistochemical analysis of paraffin-embedded Rat-lung tissue. 1,NFκB-p65 (phospho Ser536) Polyclonal Antibody was diluted at 1:200(4°C,overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98°C,20min). 3,Secondary antibody was diluted at 1:200(room tempeRature, 30min). Negative control was used by secondary antibody only.

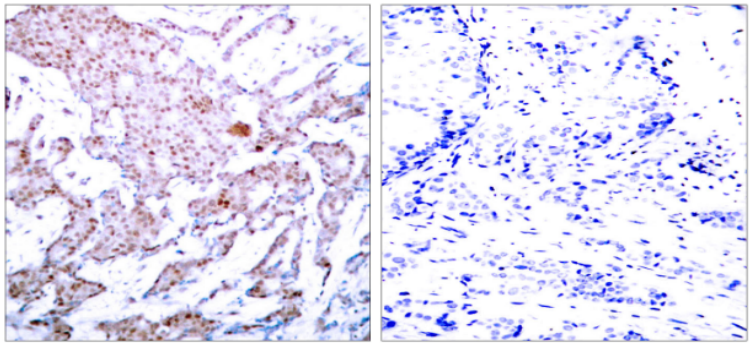


Immunohistochemical analysis of paraffin-embedded Mouse-liver tissue. 1,NFκB-p65 (phospho Ser536) Polyclonal Antibody was diluted at 1:200(4°C,overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98°C,20min). 3,Secondary antibody was diluted at 1:200(room tempeRature, 30min). Negative control was used by secondary antibody only.

PRODUCT DATA SHEET



Immunohistochemical analysis of paraffin-embedded Mouse-lung tissue. 1,NFκB-p65 (phospho Ser536) Polyclonal Antibody was diluted at 1:200 (4℃ overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval (>98℃,20min). 3,Secondary antibody was diluted at 1:200 (room tempeRature, 30min). Negative control was used by secondary antibody only.



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma, using NF-kappaB p65 (Phospho-Ser536) Antibody. The picture on the right is blocked with the phospho peptide.