

Product datasheet for **TA319203**

NF-kB p65 (RELA) Rabbit Polyclonal Antibody

Product data:

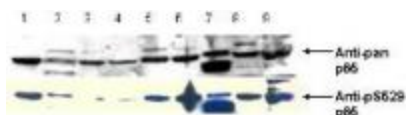
Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	ELISA: 1:10,000 - 1:30,000, WB: 1:1,000 - 1:5,000, IHC: 1:200-1:800
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	NFkB p65 (Rel A) peptide corresponding to a region near phospho Serine 276 of the human protein conjugated to Keyhole Limpet Hemocyanin (KLH). Sequence information: QLRRPpSDRELSC
Formulation:	None
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	RELA proto-oncogene, NF-kB subunit
Database Link:	NP_001138610 Entrez Gene 5970 Human Q04206
Synonyms:	NFKB3; p65
Note:	NF-kappa-B is a pleiotropic transcription factor which is present in almost all cell types and is involved in many biological processes such as inflammation, immunity, differentiation, cell growth, tumorigenesis and apoptosis. Anti-NFkB antibody is ideal for Cell Biology, Nuclear Signaling, Neuroscience and Signal Transduction Research
Protein Families:	Druggable Genome, Transcription Factors



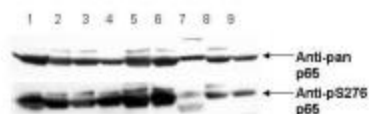
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Protein Pathways:

Acute myeloid leukemia, Adipocytokine signaling pathway, Apoptosis, B cell receptor signaling pathway, Chemokine signaling pathway, Chronic myeloid leukemia, Cytosolic DNA-sensing pathway, Epithelial cell signaling in Helicobacter pylori infection, MAPK signaling pathway, Neurotrophin signaling pathway, NOD-like receptor signaling pathway, Pancreatic cancer, Pathways in cancer, Prostate cancer, RIG-I-like receptor signaling pathway, Small cell lung cancer, T cell receptor signaling pathway, Toll-like receptor signaling pathway

Product images:


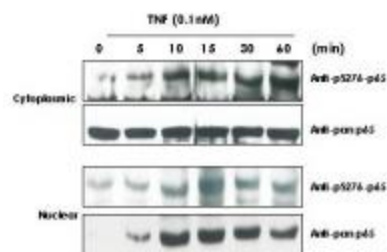
Anti-pS529 shows phospho p65 staining in carcinoma cells.



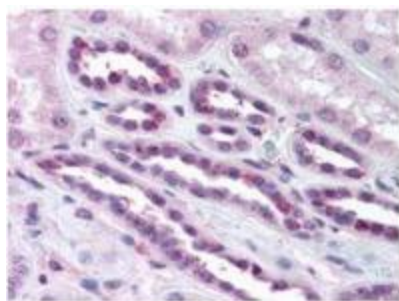
Anti-pS276 shows phospho p65 staining in carcinoma cells. WB of lysates from various human head and neck tumors shows phospho p65 staining in tumor cell lines using phospho specific polyclonal anti-human pS276 p65. Lanes 1-6 lysates from human squamal carcinoma cell lines. Lane 7 is a protein lysate from a primary culture of human keratinocytes. Lane 8 lysate from ATCC SCC9 cells. Lane 9 lysate from EGF-induced human derived A431 cells. Lane 10 (not shown) contains a molecular weight standard.



TNF Induces phosphorylation of p65 in KBM-5 cells.



TNF Induces phosphorylation of p65 in KBM-5 cells. Cytoplasmic and nuclear protein lysates prepared after 0, 5, 10, 15, 30 and 60 minutes of 0.1 nM TNF treatment of KBM-5 cells shows inducible phosphorylation using phospho specific polyclonal anti-human pS276 p65. Immunochemical's pan reactive anti p65 was used a control to show the presence of total p65 in both the cytoplasmic and nuclear extracts.



anti-p65 pS276 antibody was diluted 1:500 to detect p65 in human kidney tissue. Tissue was formalin fixed and paraffin embedded. No pre-treatment of sample was required. The image shows the localization of antibody as the precipitated red signal, with a hematoxylin purple nuclear counter stain.