

ARG45057 anti-NFkB p65 phospho (Ser316) antibody

Package: 50 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes NFkB p65 phospho (Ser316)
Tested Reactivity	Hu, Ms
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	NFkB p65
Species	Mouse
Immunogen	Synthetic phospho-peptide corresponding to amino acid residues surrounding Ser316 of mouse NF-kB p65.
Conjugation	Un-conjugated
Alternate Names	RELA; RELA Proto-Oncogene, NF-KB Subunit; Nuclear Factor Of Kappa Light Polypeptide Gene Enhancer In B-Cells 3; NFKB3; P65; V-Rel Avian Reticuloendotheliosis Viral Oncogene Homolog A; Nuclear Factor NF-Kappa-B P65 Subunit; Transcription Factor P65; NF-Kappa-B Transcription Factor P65; NF-Kappa-B P65delta3; AIF3BL3; CMCU

Application Instructions

Application table	Application	Dilution
	WB	1:1000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Antigen Affinity Purified.
Buffer	10 mM HEPES (pH 7.5), 150 mM NaCl, 50% glycerol and 0.01% BSA.
Stabilizer	50% Glycerol and 0.01% BSA
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	RELA
Gene Full Name	RELA Proto-Oncogene, NF-KB Subunit
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. [provided by RefSeq, Sep 2011]
Function	The NF-kappa-B homodimeric RELA-RELA complex appears to be involved in invasion-mediated activation of IL-8 expression. Key transcription factor regulating the IFN response during SARS-CoV-2 infection. [UniProt]
Research Area	Cancer antibody; Cell Biology and Cellular Response antibody; Cell Death antibody; Gene Regulation antibody; Immune System antibody; Metabolism antibody; Microbiology and Infectious Disease antibody; Neuroscience antibody; Signaling Transduction antibody; NFkB nuclear translocation Study antibody; Inflammation Study antibody
Calculated Mw	60 kDa
PTM	Acetylation, Isopeptide bond, Methylation, Phosphoprotein, S-nitrosylation, Ubl conjugation. [UniProt]
Cellular Localization	Cytoplasm, Nucleus. [UniProt]

Images



ARG45057 anti-NFkB p65 phospho (Ser316) antibody WB image

Western blot: HeLa stained with ARG45057 anti-NFkB p65 phospho (Ser316) antibody.