

Product datasheet for **AP26430AF-N**

NF-κB p65 (RELA) pSer276 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA
Recommended Dilution:	ELISA: 1:500,000 -1:2,000,000, detects the serine 276 phosphorylated NF-κB p65 peptide coated on ELISA plate.
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Synthetic peptide derived from Serine 276 phosphorylated NF-κB p65, conjugated with KLH
Specificity:	Detects Serine 276 phosphorylated NF-κB p65 on Mouse, Human and other species with consensus serine 276 phosphorylated NF-κB p65 peptide (QLRRPSPDRELS).
Formulation:	0.01M PBS, pH 7.4 State: Azide Free State: Lyophilized Ig fraction
Reconstitution Method:	Restore with double distilled water to adjust the final concentration to 1.00 mg/ml.
Purification:	Protein G affinity purified
Conjugation:	Unconjugated
Storage:	Store lyophilized at 2-8°C for 6 month or at -20°C long term. After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	RELA proto-oncogene, NF-κB subunit
Database Link:	Entrez Gene 5970 Human Q04206



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Background:

NF- κ B (nuclear factor kappa-light-chain-enhancer of activated B cells) is a transcription factor that controls the transcription of many genes that are associated with immuno-response, anti-apoptosis, neuroplasticity and memory. There are five NF- κ B proteins in mammals: RelA(NF- κ B p65), RelB, c-Rel, NF- κ B (NF- κ B p105), and NF- κ B2 (NF- κ B p100). They form a variety of homodimers and heterodimers, each of which activates its own distinctive set of genes. P65 has been shown to be involved with DNA binding. Mitogen and stress activated protein kinase phosphorylates NF- κ B p65 at serine 276 and controls stem cell factor expression in inflammation.

Synonyms:

NF kappa B p65, NFkB p65, Transcription factor p65, Rel A, NFKB3