

Product Name: KD-Validated RELA Rabbit Polyclonal Antibody**Catalog #: KVA01135**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Rabbit IgG
Clonality	Rabbit pAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:400-1:2,000
Molecular Weight	Calculated MW: 60.2kDa

Antigen Information

Gene Name	RELA
Alternative 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
Gene ID	5970.0
SwissProt ID	Q04206
Immunogen	A synthesized peptide derived from human NF-kappaB p65

Background

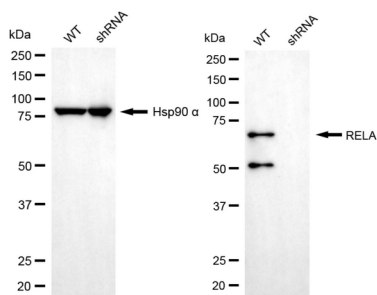
NF-kappa-B is a ubiquitous transcription factor involved in several biological processes. It is held in the cytoplasm in an inactive

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]

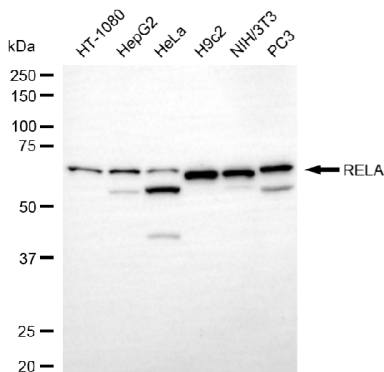
Research Area

Signal Transduction, Epigenetics and Nuclear Signaling, Cancer, Metabolism, Neuroscience, Cardiovascular

Image Data



Western blotting analysis using RELA antibody (KVA01135). RELA expression in wild-type (WT) and RELA shRNA knockdown (KD) HT-1080 cells with 30 μ g of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with RELA antibody (KVA01135, 1:1,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Western blotting analysis using RELA antibody (KVA01135). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with RELA antibody (KVA01135, 1:2,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.