

# [KO Validated] RELA Rabbit pAb

Catalog No.: A22684 **KO** **Validated** **1 Publications**

## Basic Information

**Observed MW**

65kDa

**Calculated MW**

60kDa

**Category**

Primary antibody

**Applications**

WB, ELISA

**Cross-Reactivity**

Human

## Background

Enables several functions, including DNA-binding transcription factor activity, RNA polymerase II-specific; actinin binding activity; and ankyrin repeat binding activity. Involved in several processes, including negative regulation of protein sumoylation; postsynapse to nucleus signaling pathway; and regulation of transcription, DNA-templated. Acts upstream of or within several processes, including cellular response to hepatocyte growth factor stimulus; cellular response to lipopolysaccharide; and positive regulation of interleukin-12 production. Located in several cellular components, including chromatin; cytosol; and glutamatergic synapse. Is expressed in several structures, including alimentary system; early conceptus; genitourinary system; musculature; and skin. Human ortholog(s) of this gene implicated in ductal carcinoma in situ; lung non-small cell carcinoma; lymphoma; and renal cell carcinoma. Orthologous to human RELA (RELA proto-oncogene, NF- $\kappa$ B subunit).

## Recommended Dilutions

**WB** 1:500 - 1:1000**ELISA** Recommended starting concentration is 1  $\mu$ g/mL. Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

**Gene ID**

19697

**Swiss Prot**

Q04207

**Immunogen**

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

**Synonyms**p65; p65 NF $\kappa$ B; p65 NF-kappa B; LA

## Contact

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## Product Information

**Source**

Rabbit

**Isotype**

IgG

**Purification**

Affinity purification

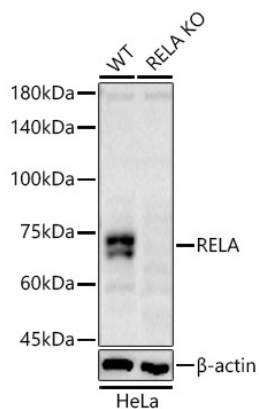
**Storage**

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

## Validation Data

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Western blot analysis of lysates from wild type (WT) and RELA knockout (KO) HeLa cells, using [KO Validated] RELA Rabbit pAb (A22684) at 1:700 dilution.

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25ug per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 60s.