

## **Product datasheet for TA380841S**

## OriGene Technologies, Inc.

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## c Rel (REL) Rabbit Polyclonal Antibody

**Product data:** 

**Product Type:** Primary Antibodies

**Applications:** ELISA, WB

Recommended Dilution: WB,1:500 - 1:1000

ELISA,Recommended starting concentration is 1 μg/mL. Please optimize the concentration

based on your specific assay requirements.

Reactivity: Human, Mouse, Rat

**Modifications:** Unmodified

**Host:** Rabbit

Isotype: IgG

Clonality: Polyclonal

**Formulation:** PBS with 0.09% Sodium azide,50% glycerol,pH7.3.

**Concentration:** lot specific

**Purification:** Affinity purification

Conjugation: Unconjugated

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

**Stability:** Shelf life: one year from despatch.

**Predicted Protein Size:** 69kDa

Gene Name: REL proto-oncogene, NF-kB subunit

Database Link: Entrez Gene 5966 Human

Q04864

Background: This gene encodes a protein that belongs to the Rel homology domain/immunoglobulin-like

fold, plexin, transcription factor (RHD/IPT) family. Members of this family regulate genes involved in apoptosis, inflammation, the immune response, and oncogenic processes. This proto-oncogene plays a role in the survival and proliferation of B lymphocytes. Mutation or

amplification of this gene is associated with B-cell lymphomas, including Hodgkin's

lymphoma. Single nucleotide polymorphisms in this gene are associated with susceptibility to ulcerative colitis and rheumatoid arthritis. Alternative splicing results in multiple transcript

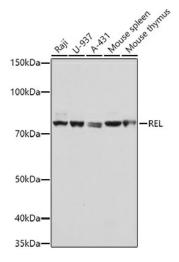
variants encoding different isoforms.



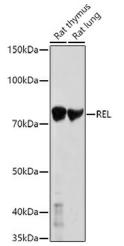


Synonyms: C-Rel; I-Rel

## **Product images:**



Western blot analysis of various lysates using REL Rabbit pAb ([TA380841]) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit lgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 1s.



Western blot analysis of various lysates using REL Rabbit pAb ([TA380841]) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020).

Exposure time: 180s.