Datasheet for ABIN6146865

# anti-RELB antibody (AA 380-579)

1 Image

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## Overview

| | |
|---|---|
| Quantity: | 100 µL |
| Target: | RELB |
| Binding Specificity: | AA 380-579 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This RELB antibody is un-conjugated |
| Application: | Western Blotting (WB) |

## Product Details

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|---|---|
| Immunogen: | Recombinant fusion protein containing a sequence corresponding to amino acids 380-579 of human RELB (NP_006500.2). |
| Sequence: | FLQRLTDGVC SEPLPFTYLP RDHDSYGVDK KRKRGMPDVL GELNSSDPHG IESKRRKKKP AILDHFLPNH GSGPFLPPSA LLPDPDFFSG TVSLPGLEPP GGPDLLDDGF AYDPTAPTLF TMLDLLPPAP PHASAVVCSG GAGAVVGETP GPEPLTLDSY QAPGPGDGGT ASLVGSNMFP NHYREAAFGG GLLSPGPEAT |
| Isotype: | IgG |
| Cross-Reactivity: | Human, Mouse |
| Characteristics: | Polyclonal Antibodies |

## Target Details

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|---|---|
| Target: | RELB |
| Alternative Name: | RELB (RELB Products) |
| Background: | NF-kappa-B is a pleiotropic transcription factor which is present in almost all cell types and is involved in many biological processed such as inflammation, immunity, differentiation, cell growth, tumorigenesis and apoptosis. NF-kappa-B is a homo- or heterodimeric complex formed by the Rel-like domain-containing proteins RELA/p65, RELB, NFKB1/p105, NFKB1/p50, REL and NFKB2/p52. NF-kappa-B is controlled by various mechanisms of post-translational modification and subcellular compartmentalization as well as by interactions with other cofactors or corepressors. NF-kappa-B complexes are held in the cytoplasm in an inactive state complexed with members of the NF-kappa-B inhibitor (I-kappa-B) family. In a conventional activation pathway, I-kappa-B is phosphorylated by I-kappa-B kinases (IKKs) in response to different activators, subsequently degraded thus liberating the active NF-kappa-B complex which translocates to the nucleus. NF-kappa-B heterodimeric RelB-p50 and RelB-p52 complexes are transcriptional activators. RELB neither associates with DNA nor with RELA/p65 or REL. Stimulates promoter activity in the presence of NFKB2/p49. Increased repression of the heterodimer is seen in the presence of NFKB2/p52. Is required for both T and B lymphocyte maturation and function.,RELB,I-REL,IREL,REL-B,Epigenetics & Nuclear Signaling,Transcription Factors,Cancer,Signal Transduction,Cell Biology & Developmental Biology,Apoptosis,Inhibition of Apoptosis,Death Receptor Signaling Pathway,Immunology & Inflammation,B Cell Receptor Signaling Pathway,T Cell Receptor Signaling Pathway,NF-kB Signaling Pathway,RELB |
| Molecular Weight: | 62 kDa |
| Gene ID: | 5971 |
| UniProt: | Q01201 |
| Pathways: | NF-kappaB Signaling, RTK Signaling |

## Application Details

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|---|---|
| Application Notes: | WB,1:500 - 1:2000 |
| Comment: | HIGH QUALITY |
| Restrictions: | For Research Use only |

## Handling

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|---|---|
| Format: | Liquid |

## Handling

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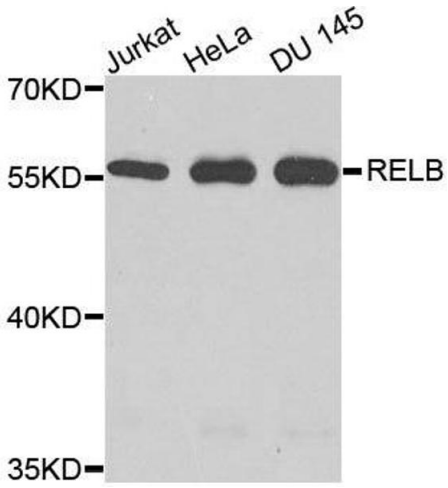
|---|---|
| Buffer: | PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | -20 °C |
| Storage Comment: | Store at -20°C. Avoid freeze / thaw cycles. |

## Images




**Western Blotting**

**Image 1.** Western blot analysis of extracts of various cell lines, using RELB antibody.