

Datasheet for ABIN6284352  
**anti-RELB antibody (AA 510-590)**



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## Overview

|                      |                                     |
|----------------------|-------------------------------------|
| Quantity:            | 50 µL                               |
| Target:              | RELB                                |
| Binding Specificity: | AA 510-590                          |
| Reactivity:          | Human, Mouse                        |
| Host:                | Rabbit                              |
| Clonality:           | Polyclonal                          |
| Conjugate:           | This RELB antibody is un-conjugated |
| Application:         | Western Blotting (WB), ELISA        |

## Product Details

|            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Purpose:   | RelB is a protein encoded by the RELB gene which is approximately 62,1 kDa. RelB is localised to the nucleus and cytoplasm. It is involved toll-like receptor signalling pathways, NFAT in immune response, CDK-mediated phosphorylation and removal of Cdc6 and bacterial infections in CF airways. RelB makes up NF-kappa-B along with other Rel-like domain-containing proteins. It binds at kappa-B sites in the DNA of their target genes and the individual dimers have distinct preferences for different kappa-B sites that they can bind with distinguishable affinity and specificity. RelB is expressed in the blood, lymph node, spleen and bone marrow. Mutations in the RELB gene result in reticuloendotheliosis. STJ95410 was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. This polyclonal antibody detects endogenous levels of RelB protein. |
| Immunogen: | Synthesized peptide derived from human RelB around the non-phosphorylation site of S552.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Isotype:   | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

## Product Details

|                  |                                                                                                                       |
|------------------|-----------------------------------------------------------------------------------------------------------------------|
| Specificity:     | RelB Polyclonal Antibody detects endogenous levels of RelB protein.                                                   |
| Characteristics: | Rabbit polyclonal to RelB.                                                                                            |
| Purification:    | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |

## Target Details

|                   |                                                                     |
|-------------------|---------------------------------------------------------------------|
| Target:           | RELB                                                                |
| Alternative Name: | RelB ( <a href="#">RELB Products</a> )                              |
| Molecular Weight: | 70/62 kDa                                                           |
| Gene ID:          | 5971                                                                |
| UniProt:          | <a href="#">Q01201</a>                                              |
| Pathways:         | <a href="#">NF-kappaB Signaling</a> , <a href="#">RTK Signaling</a> |

## Application Details

|                    |                                  |
|--------------------|----------------------------------|
| Application Notes: | WB 1:500-1:2000<br>ELISA 1:20000 |
| Restrictions:      | For Research Use only            |

## Handling

|                    |                                                                                                                        |
|--------------------|------------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                                 |
| Concentration:     | 1 mg/mL                                                                                                                |
| Buffer:            | Liquid in PBS containing 50 % glycerol, 0.5 % BSA and 0.02 % sodium azide.                                             |
| 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, and avoid repeat freeze-thaw cycles.                                                                   |