

Datasheet for ABIN2780784  
**anti-RELB antibody (N-Term)**



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2 Images

## Overview

|                      |                                                   |
|----------------------|---------------------------------------------------|
| Quantity:            | 100 µL                                            |
| Target:              | RELB                                              |
| Binding Specificity: | N-Term                                            |
| Reactivity:          | Human, Dog, Guinea Pig                            |
| Host:                | Rabbit                                            |
| Clonality:           | Polyclonal                                        |
| Conjugate:           | This RELB antibody is un-conjugated               |
| Application:         | Western Blotting (WB), Immunohistochemistry (IHC) |

## Product Details

|                       |                                                                                                                                |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------|
| Immunogen:            | The immunogen is a synthetic peptide directed towards the N terminal region of human RELB                                      |
| Sequence:             | LRSGPASGPS VPTGRAMPSR RVARPPAAPE LGALGSPDLS SLSLAVSRST                                                                         |
| Predicted Reactivity: | Dog: 100%, Guinea Pig: 86%, Human: 100%                                                                                        |
| Characteristics:      | This is a rabbit polyclonal antibody against RELB. It was validated on Western Blot using a cell lysate as a positive control. |
| Purification:         | Affinity Purified                                                                                                              |

## Target Details

|                   |                                        |
|-------------------|----------------------------------------|
| Target:           | RELB                                   |
| Alternative Name: | RELB ( <a href="#">RELB Products</a> ) |

## Target Details

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Background:       | RELB neither associates with DNA nor with RELA/p65 or REL. It stimulates promoter activity in the presence of NFKB2/p49.<br>Alias Symbols: I-REL, IREL, REL-B<br>Protein Interaction Partner: NFKB2, NFKB1, BCL3, NEK6, DNMT1, DAXX, MT1M, GSK3B, CTSL, CDK1, BUD31, UQCERS1, MTAP, COMMD9, COMMD5, MALT1, COMMD1, COMMD8, COMMD4, COMMD10, COMMD2, UBC, RAC1, SUZ12, RELA, EZH2, DPF2, YY1, CBX3, EHMT2, NFKBIA, KPNA6, SMARCA4, SMARCE1, SMARCC2, SMARCC1,<br>Protein Size: 579 |
| Molecular Weight: | 62 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Gene ID:          | 5971                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| NCBI Accession:   | <a href="#">NM_006509</a> , <a href="#">NP_006500</a>                                                                                                                                                                                                                                                                                                                                                                                                                             |
| UniProt:          | <a href="#">Q01201</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Pathways:         | <a href="#">NF-kappaB Signaling</a> , <a href="#">RTK Signaling</a>                                                                                                                                                                                                                                                                                                                                                                                                               |

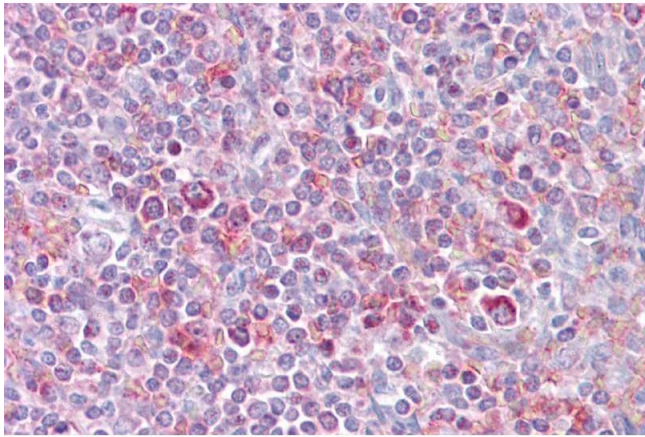
## Application Details

|                    |                                                                                    |
|--------------------|------------------------------------------------------------------------------------|
| Application Notes: | Optimal working dilutions should be determined experimentally by the investigator. |
| Comment:           | Antigen size: 579 AA                                                               |
| Restrictions:      | For Research Use only                                                              |

## Handling

|                    |                                                                                                                        |
|--------------------|------------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                                 |
| Concentration:     | Lot specific                                                                                                           |
| Buffer:            | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.                    |
| Preservative:      | Sodium azide                                                                                                           |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Handling Advice:   | Avoid repeated freeze-thaw cycles.                                                                                     |
| Storage:           | -20 °C                                                                                                                 |
| Storage Comment:   | For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small                        |

aliquots to prevent freeze-thaw cycles.



Immunohistochemistry

**Image 1.** Immunohistochemistry with Spleen tissue at an antibody concentration of 5µg/ml using anti-RELB antibody (ARP38807\_P050)



Western Blotting

**Image 2.** WB Suggested Anti-RELB Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: Human brain