# Anti-Rel B Rabbit pAb

Purified Rabbit Polyclonal Antibody

Catalog # P100165

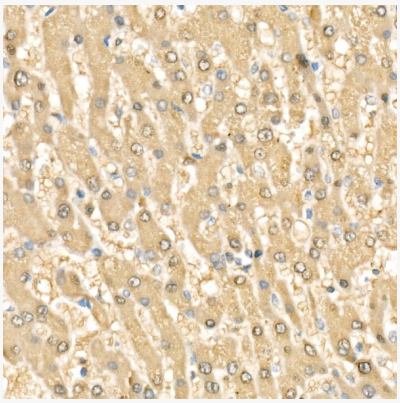
## Product Information

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|---|---|
| Application | WB, IHC-P, ELISA |
| Reactivity | Human, Mouse, Rat |
| Dilution | WB 1:500~1:1000; IHC-P 1:50~1:200 |
| Host | Rabbit |
| Clonality | Polyclonal |
| Isotype | IgG |
| Label | Unconjugated |
| Immunogen | Recombinant fusion protein containing a sequence corresponding to amino acids 296-436 of human RELB (NP_006500.2). |
| Format | Affinity purified polyclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3. |
| Storage | Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage. |
| Precautions | Anti-Rel B Rabbit pAb is for research use only and not for use in diagnostic or therapeutic procedures. |

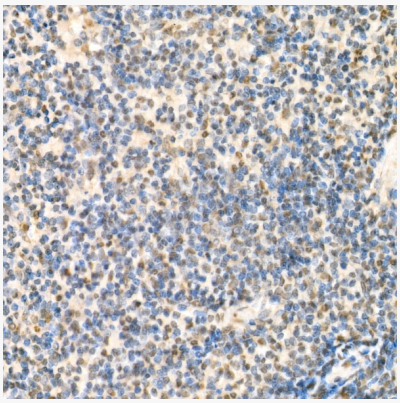
## Protein Information

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|---|---|
| Synonyms | IREL; I-REL; IMD53; REL-B; RELB. |
| Calculated MW | Calculated MW: 62 kDa; Observed MW: 70 kDa |
| Uniprot ID | Q01201 |
| Gene ID | 5971 |
| Background | Enables RNA polymerase II cis-regulatory region sequence-specific DNA binding activity and protein kinase binding activity. Involved in lymphocyte differentiation and negative regulation of interferon-beta production. Located in cytosol and nucleoplasm. Part of chromatin; nucleus; and transcription repressor complex. Colocalizes with centrosome. Implicated in breast cancer and immunodeficiency 53. Biomarker of breast cancer and transitional cell carcinoma. |

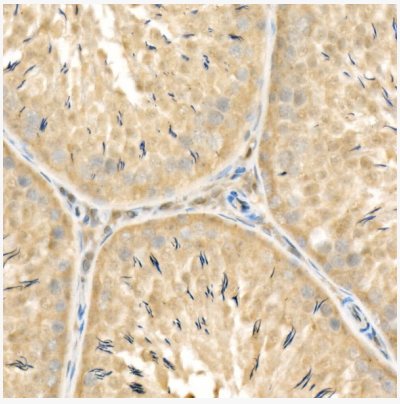
## Validation Images



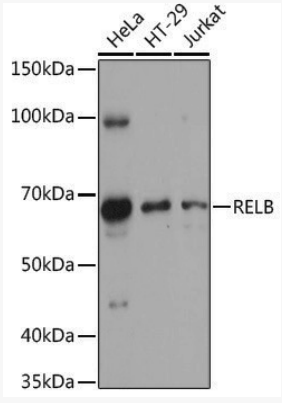
Immunohistochemistry analysis of paraffin-embedded Human liver cancer using RELB Rabbit pAb (P100165) at dilution of 1:100 (40× lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse spleen using RELB Rabbit pAb (P100165) at dilution of 1:100 (40× lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Rat testis using RELB Rabbit pAb (P100165) at dilution of 1:100 (40× lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.




Western blot analysis of various lysates using RELB Rabbit pAb (P100165) at 1:1,000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (LF102) at 1:10,000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Kit.
Exposure time: 30s.