**Product Name: Lambda 5 Rabbit Polyclonal Antibody**
**Catalog #: APRab13187**

## Summary

| | |
|---|---|
| **Production Name** | Lambda 5 Rabbit Polyclonal Antibody |
| **Description** | Rabbit Polyclonal Antibody |
| **Host** | Rabbit |
| **Application** | WB,IHC,ELISA |
| **Reactivity** | Human,Rat,Mouse |

## Performance

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|---|---|
| **Conjugation** | Unconjugated |
| **Modification** | Unmodified |
| **Isotype** | IgG |
| **Clonality** | Polyclonal |
| **Form** | Liquid |
| **Storage** | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles. |
| **Buffer** | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N. |
| **Purification** | Affinity purification |

## Immunogen

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|---|---|
| **Gene Name** | IGLL1 |
| **Alternative Names** | IGLL1; IGL1; Immunoglobulin lambda-like polypeptide 1; CD179 antigen-like family member B; Ig lambda-5; Immunoglobulin omega polypeptide; Immunoglobulin-related protein 14.1; CD179b |
| **Gene ID** | 3543.0 |
| **SwissProt ID** | P15814.The antiserum was produced against synthesized peptide derived from the C-terminal region of human IGLL1. AA range:151-200 |

## Application

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|---|---|
| **Dilution Ratio** | WB 1:500 - 1:2000. IHC-p: 1:100-1:300. ELISA: 1:10000.. |
| **Molecular Weight** | 23kD |

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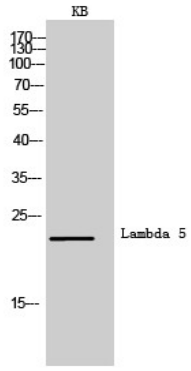
## Background

immunoglobulin lambda like polypeptide 1(IGLL1) Homo sapiens The preB cell receptor is found on the surface of proB and preB cells, where it is involved in transduction of signals for cellular proliferation, differentiation from the proB cell to the preB cell stage, allelic exclusion at the Ig heavy chain gene locus, and promotion of Ig light chain gene rearrangements. The preB cell receptor is composed of a membrane-bound Ig mu heavy chain in association with a heterodimeric surrogate light chain. This gene encodes one of the surrogate light chain subunits and is a member of the immunoglobulin gene superfamily. This gene does not undergo rearrangement. Mutations in this gene can result in B cell deficiency and agammaglobulinemia, an autosomal recessive disease in which few or no gamma globulins or antibodies are made. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008],disease:Defects in IGLL1 are a cause of autosomal recessive non-Bruton type agammaglobulinemia [MIM:601495]. It is characterized by agammaglobulinemia and markedly reduced numbers of B cells.,online information:IGLL1 mutation db,similarity:Contains 1 Ig-like C1-type (immunoglobulin-like) domain.,subunit:Associates non-covalently with VPREB1.,tissue specificity:Expressed only in pre-B-cells and a special B-cell line (which is surface Ig negative).,

## Research Area

Primary immunodeficiency;

## Image Data




Western Blot analysis of KB cells using Lambda 5 Polyclonal Antibody.. Secondary antibody was diluted at 1:20000

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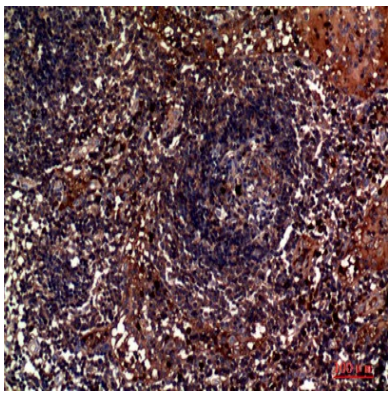

Immunohistochemical analysis of paraffin-embedded human-lymph, antibody was diluted at 1:100

## Note

For research use only.