SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-IGLL1 antibody

Catalog Number: SL15577R

FOR RESEARCH USE ONLY

[DATASHEET]

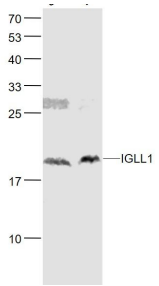
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	IGLL1
Immunogen:	KLH conjugated synthetic peptide derived from human IGLL1: 151-213/213
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB=1:500-2000 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Mouse(predicted:Human)
Predicted MW.:	19kDa
Subcellular Location:	Secretory protein
Background:	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]. **Function:** Critical for B-cell development. **Subunit:** Associates non-covalently with VPREB1. **Subcellular Location:** Secreted.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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	Tissue Specificity: Expressed only in pre-B-cells and a special B-cell line (which is surface Ig negative). DISEASE: Agammaglobulinemia 2 (AGM2) [MIM:613500]: A primary immunodeficiency characterized by profoundly low or absent serum antibodies and low or absent circulating B cells due to an early block of B-cell development. Affected individuals develop severe infections in the first years of life. Note=The disease is caused by mutations affecting the gene represented in this entry. **Similarity:** Contains 1 Ig-like C1-type (immunoglobulin-like) domain. **Database links:** **Entrez Gene:** 3543 Human **Entrez Gene:** 16136 Mouse Omim: 146770 Human **SwissProt:** P15814 Human **SwissProt:** P20764 Mouse **Unigene:** 348935 Human **Unigene:** 184441 Mouse

[VALIDATION IMAGES]



Sample:
Stomach (Mouse) Lysate at 40 ug
Large intestine (Mouse) Lysate at 40 ug
Primary: Anti- IGLL1 (SL15577R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 19 kD
Observed band size: 19 kD

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