

Product datasheet for **TA344164**

IGLL1 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-IGLL1 antibody: synthetic peptide directed towards the N terminal of human IGLL1. Synthetic peptide located within the following region: RSRWGRFLLQRGSWTGPRCWPRGFQSKHNSVTHVFGSGTQLTVLSQPKAT
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	19 kDa
Gene Name:	immunoglobulin lambda like polypeptide 1
Database Link:	NP_064455 Entrez Gene 3543 Human P15814



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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. IGLL1 is one of the surrogate light chain subunits and is a member of the immunoglobulin gene superfamily. Mutations in its gene can result in B cell deficiency and agammaglobulinemia, an autosomal recessive disease in which few or no gamma globulins or antibodies are made. 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.

Synonyms:

14.1; AGM2; CD179b; IGL1; IGL5; IGLJ14.1; IGLL; IGO; IGVPB; VPREB2

Note:

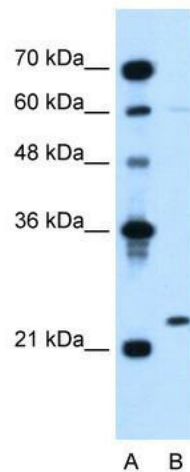
Immunogen Sequence Homology: Human: 100%

Protein Families:

Secreted Protein

Protein Pathways:

Primary immunodeficiency

Product images:

WB Suggested Anti-IGLL1 Antibody Titration: 5.0 ug/ml; Positive Control: Jurkat cell lysate; IGLL1 is supported by BioGPS gene expression data to be expressed in Jurkat