

Tcl1 Rabbit pAb

CatalogNo: YT5864

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse

Applications

- WB, ELISA

MW

- 13kD (Observed)

Isotype

- IgG

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Recommended Dilution Ratios

WB 1:500-2000

ELISA 1:10000-20000

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen Synthetic peptide from human protein at AA range: 30-110

Specificity The antibody detects endogenous Tcl1

Target Information

Gene name TCL1A TCL1

Protein Name T-cell leukemia/lymphoma protein 1A (Oncogene TCL-1) (Oncogene TCL1) (Protein p14 TCL1)

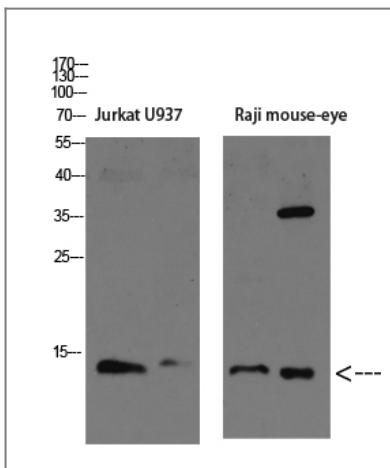
Organism	Gene ID	UniProt ID
Human	8115;	P56279;
Mouse	21432;	P56280;

Cellular Localization Cytoplasm . Nucleus . Microsome . Endoplasmic reticulum . Microsomal fraction.

Tissue specificity Restricted in the T-cell lineage to immature thymocytes and activated peripheral lymphocytes. Preferentially expressed early in T- and B-lymphocyte differentiation.

Function Disease:Chromosomal aberrations activating TCL1A are found in chronic T-cell leukemias (T-CLL). Translocation t(14;14)(q11;q32); translocation t(7;14)(q35;q32); inversion inv(14)(q11;q32) that involves the T-cell receptor alpha/delta locuses.,Function:Enhances the phosphorylation and activation of AKT1, AKT2 and AKT3. Promotes nuclear translocation of AKT1. Enhances cell proliferation, stabilizes mitochondrial membrane potential and promotes cell survival.,similarity:Belongs to the TCL1 family.,subcellular location:Microsomal fraction.,subunit:Homodimer. Interacts with AKT1, AKT2 and AKT3 (via PH domain). Interacts with PNPT1; the interaction has no effect on PNPT1 exonuclease activity.,tissue specificity:Restricted in the T-cell lineage to immature thymocytes and activated peripheral lymphocytes. Preferentially expressed early in T- and B-lymphocyte differentiation.,

Validation Data



Western blot analysis of K562 mouse-lung lysate, antibody was diluted at 1000. Secondary antibody(catalog#:RS0002) was diluted at 1:20000

Contact information

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Tcl1 Rabbit pAb

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