

产品名称: Tc11 Rabbit Polyclonal Antibody
产品货号: APRab18741



产品概述 (Summary)

产品名称 (Production Name)	Tc11 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,ELISA
种属反应性 (Reactivity)	Human,Rat,Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	TCL1A TCL1
别名 (Alternative Names)	T-cell leukemia/lymphoma protein 1A (Oncogene TCL-1) (Oncogene TCL1) (Protein p14 TCL1)
基因 ID (Gene ID)	8115.0
蛋白 ID (SwissProt ID)	P56279.Synthetic peptide from human protein at AA range: 30-110

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,ELISA 1:10000-1:20000
蛋白分子量 (Molecular Weight)	13kDa

研究背景 (Background)

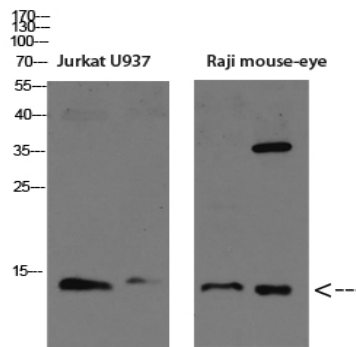
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Overexpression of the TCL1 gene in humans has been implicated in the development of mature T cell leukemia, in which chromosomal rearrangements bring the TCL1 gene in close proximity to the T-cell antigen receptor (TCR)-alpha (MIM 186880) or TCR-beta (MIM 186930) regulatory elements (summarized by Virgilio et al., 1998 [PubMed 9520462]). In normal T cells TCL1 is expressed in CD4-/CD8- cells, but not in cells at later stages of differentiation. TCL1 functions as a coactivator of the cell survival kinase AKT (MIM 164730) (Laine et al., 2000 [PubMed 10983986]). [supplied by OMIM, Jul 2010], 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.,

研究领域 (Research Area)

Epigenetics and Nuclear Signaling; Transcription; Cancer susceptibility; Proto-oncogenes; Cancer; Oncoproteins/suppressors; Oncoproteins; Transcription factors

图片 (Image Data)



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

注意事项 (Note)

For research use only .