10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

TCL1A Antibody (Center)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP20567a

Product Information

Application	WB, FC, E
Primary Accession	P56279
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB48087
Calculated MW	13460

Additional Information

Gene ID	8115
Other Names	T-cell leukemia/lymphoma protein 1A, Oncogene TCL-1, Oncogene TCL1, Protein p14 TCL1, TCL1A, TCL1
Target/Specificity	This TCL1A antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 32-66 amino acids from the Central region of human TCL1A.
Dilution	WB~~1:1000 FC~~1:25 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	TCL1A Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	TCL1A
Synonyms	TCL1
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.

Cellular Location	Cytoplasm. Nucleus. Microsome. Endoplasmic reticulum. Note=Microsomal fraction
Tissue Location	Restricted in the T-cell lineage to immature thymocytes and activated peripheral lymphocytes. Preferentially expressed early in T- and B-lymphocyte differentiation

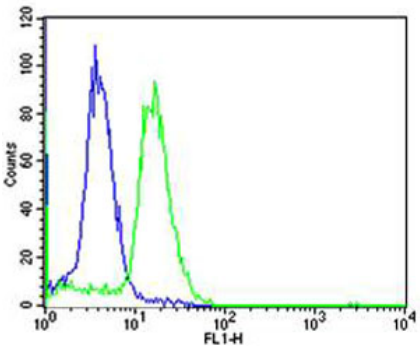
Background

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.

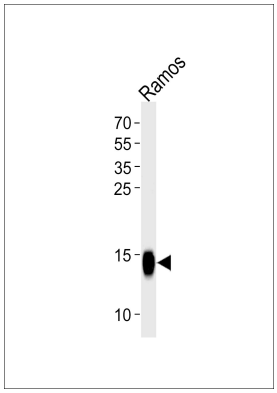
References

Virgilio L.,et al.Proc. Natl. Acad. Sci. U.S.A. 91:12530-12534(1994).
Ebert L.,et al.Submitted (JUN-2004) to the EMBL/GenBank/DDBJ databases.
Fu T.-B.,et al.Cancer Res. 54:6297-6301(1994).
Laine J.,et al.Mol. Cell 6:395-407(2000).
Pekarsky Y.,et al.Proc. Natl. Acad. Sci. U.S.A. 97:3028-3033(2000).

Images



Flow cytometric analysis of Ramos cells using TCL1A Antibody (Center)(green, Cat#AP20567a) compared to an isotype control of rabbit IgG(blue). AP20567a was diluted at 1:25 dilution. An Alexa Fluor® 488 goat anti-rabbit lgG at 1:400 dilution was used as the secondary antibody.



Western blot analysis of lysate from Ramos cell line, using TCL1A Antibody (Center)(Cat. #AP20567a). AP20567a was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35ug.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.