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Recombinant Anti-TCL-1A Rabbit mAb

Catalog # AP95309

Product Information

Application	WB, IHC, FC, IF/IC
Primary Accession	P56279
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal
Calculated MW	13460

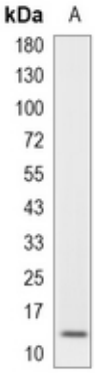
Additional Information

Gene ID	8115
Other Names	TCL1; T-cell leukemia/lymphoma protein 1A; Oncogene TCL-1; Oncogene TCL1; Protein p14 TCL1
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within human TCL-1A protein. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000) IHC~~1:100~500 FC~~1:10~50 IF/IC~~N/A
Format	Liquid in PBS, pH 7.3, 50% glycerol, 0.05% BSA, and 0.05% Proclin300.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

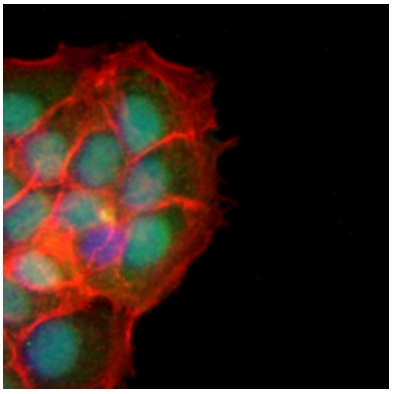
Protein Information

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

Images



Western blot analysis of TCL-1A expression in Ramos (A) whole cell lysates. (Predicted band size: 13 kD; Observed band size: 13 kD)



Immunofluorescent analysis of TCL-1A staining in Ramos cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a hidified chamber. Cells were washed with PBST and incubated with an AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).