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# TCL1A Antibody (Center)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AW5346

## Product Information

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| **Application** | FC, WB |
| **Primary Accession** | P56279 |
| **Reactivity** | Human |
| **Host** | Rabbit |
| **Clonality** | Polyclonal |
| **Calculated MW** | 13460 |
| **Isotype** | Rabbit IgG |
| **Antigen Source** | HUMAN |

## Additional Information

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| **Gene ID** | 8115 |
| **Antigen Region** | 32-66 |
| **Other Names** | T-cell leukemia/lymphoma protein 1A, Oncogene TCL-1, Oncogene TCL1, Protein p14 TCL1, TCL1A, TCL1 |
| **Dilution** | FC~~1:25 WB~~1:1000 |
| **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. |
| **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

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| **Name** | TCL1A |
| **Synonyms** | TCL1 |
| **Function** | Enhances the phosphorylation and activation of AKT1, AKT2 and AKT3. |

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|---|---|
| | 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 |

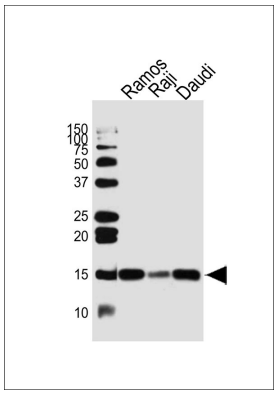
## Background

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.

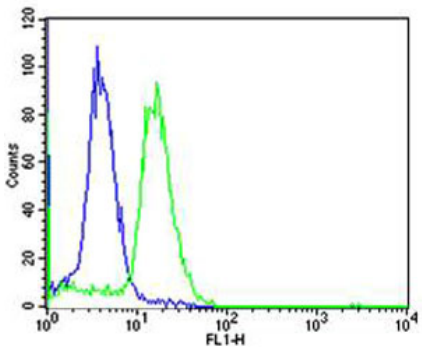
## References


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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




Western blot analysis of lysates from Ramos,Raji,Daudi cell line (from left to right), using TCL1A Antibody (Center)(Cat. #AW5346). AW5346 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody.Lysates at 20ug per lane.




Flow cytometric analysis of Ramos cells using TCL1A Antibody (Center)(green, Cat#AW5346) compared to an isotype control of rabbit IgG(blue). AW5346 was diluted at 1:25 dilution. An Alexa Fluor® 488 goat anti-rabbit lgG at 1:400 dilution was used as the secondary antibody.


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