

Rabbit anti-Human TCL1A Polyclonal Antibody | anti-TCL1A antibody

TCL1A Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA36747	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot

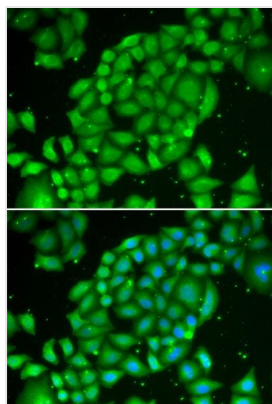
PRODUCT SYNONYMS

TCL1A; Polyclonal Antibody; TCL1A Polyclonal Antibody; TCL1; anti-TCL1A antibody

PRODUCT SPECIFICATIONS

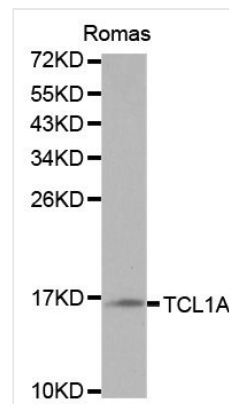
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	114
Applicable Applications for anti-TCL1A antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human TCL1A
Calculated Molecular Weight	13kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of U2OS cells using TCL1A antibody. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of Ramos cells, using TCL1A antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-TCL1A antibody	TCL1 (T cell leukemia 1), MTCP1 and TCL1b belong to the TCL1 proto-oncogene family, and their products are involved in Akt activation during embryonic development, T cell leukemias, prolymphocytic leukemias and B cell lymphomas (1-3). The Akt association domain of TCL1 binds with the PH domain of Akt. The formation of an oligomeric TCL-Akt complex is required for TCL1 coactivator function and results in phosphorylation and activation of Akt. Furthermore, functional analysis indicates that the interaction between TCL1 and Akt promotes translocation of Akt to the nucleus (4-6). These findings are supported by the crystal structure of TCL1, which suggests that TCL1 may participate in molecular transport (7).
Product Categories/Family for anti-TCL1A antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	3024699
NCBI GeneID	8115
UniProt Accession #	P56279; Q6IBK7
Molecular Weight	114
NCBI Official Full Name	T-cell leukemia/lymphoma protein 1A
NCBI Official Synonym Full Names	T-cell leukemia/lymphoma 1A
NCBI Official Symbol	TCL1A
NCBI Official Synonym Symbols	TCL1
NCBI Protein Information	T-cell leukemia/lymphoma protein 1A; oncogene TCL1; oncogene TCL-1; protein p14 TCL1; T-cell lymphoma-1
UniProt Protein Name	T-cell leukemia/lymphoma protein 1A
UniProt Gene Name	TCL1A
UniProt Synonym Gene Names	TCL1; Oncogene TCL1
UniProt Entry Name	TCL1A_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.