

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

TCL1A Antibody

CATALOG # AAA308052	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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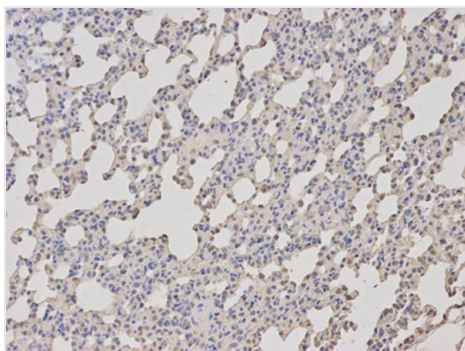
PRODUCT SYNONYMS

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

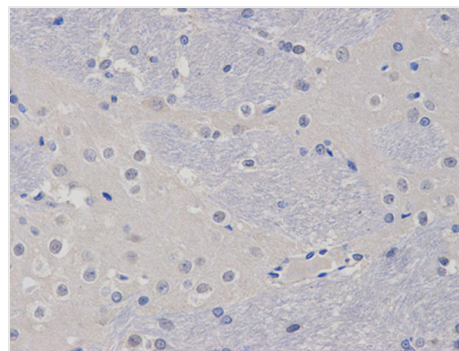
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total TCL1A protein.
Purity/Purification	Antibodies were purified by affinity purification using immunogen.
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	114
Applicable Applications for anti-TCL1A antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human TCL1A.
Target Name	TCL1A
Preparation and Storage	Store at -20 degree C

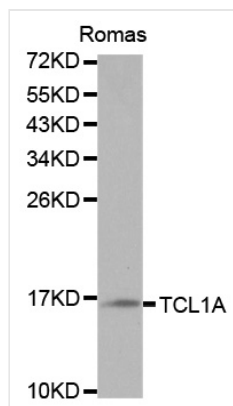
IMAGES


IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded rat lung using TCL1A antibody at dilution of 1:100 (200x lens).


IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded rat brain using TCL1A antibody at dilution of 1:100 (400x lens).



WB (Western Blot)

Western blot analysis of Ramos cell lysate using TCL1A antibody.

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	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	148922879
NCBI GeneID	8115
NCBI Accession #	NP_001092195.1
NCBI GenBank Nucleotide #	NM_001098725.1
UniProt Accession #	P56279; Q6IBK7
Molecular Weight	13,460 Da
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
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.

