

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human TCL1A in Western blots.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	<i>E. coli</i> -derived recombinant human TCL1A Met1-Asp114 Accession # P56279
Conjugate	Alexa Fluor 594 Excitation Wavelength: 590 nm Emission Wavelength: 617 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide
*Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.	

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. General Protocols are available in the Technical Information section on our website.

Western Blot	Optimal dilution of this antibody should be experimentally determined.
Immunocytochemistry	Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

TCL1A (T cell leukemia protein 1A; also p14 TCL1) is a 14 kDa member of the TCL1 family of proteins. It is expressed by thymocytes and activated T and B lymphocytes, and interacts with Akt kinase, promoting its activation and the subsequent deactivation of proapoptotic molecules. Human TCL1A is 114 amino acids (aa) in length. The amino acids Asp16 and Ile74 mediate Akt association, while Pro36 Leu37 Thr38 mediates TCL1A homodimerization. Full length human TCL1A is 50% aa identical to mouse TCL1A.

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