

Datasheet for ABIN7600082
anti-L1RE1 antibody (AA 147-324)



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Overview

Quantity:	100 µg
Target:	L1RE1
Binding Specificity:	AA 147-324
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This L1RE1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS)

Product Details

Purpose:	Anti-L1RE1 Antibody Picoband®
Immunogen:	E.coli-derived human L1RE1 recombinant protein (Position: Q147-E324).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins
Characteristics:	Anti-L1RE1 Antibody Picoband® (ABIN7600082). Tested in ELISA, Flow Cytometry, WB applications. This antibody reacts with Human. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Purification:	Immunogen affinity purified.

Target Details

Target:	L1RE1
Alternative Name:	L1RE1 (L1RE1 Products)
Background:	Synonyms: Follicular dendritic cell secreted peptide,FDC secreted protein,FDC-SP,FDCSP,C4orf7,UNQ733/PRO1419, Tissue Specificity: Abundantly expressed in tonsil, lymph node, and trachea, strong expression in prostate, lower expression in thyroid, stomach, and colon. . Background: Nucleic acid-binding protein which is essential for retrotransposition of LINE-1 elements in the genome. May function as a nucleic acid chaperone binding its own transcript and therefore preferentially mobilizing the transcript from which they are encoded.
Molecular Weight:	40 kDa
Gene ID:	4029

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human Flow Cytometry (Fixed), 1-3 µg/1x10⁶ cells, Human ELISA, 0.1-0.5 µg/mL, - 1. Baillie, J. K., Barnett, M. W., Upton, K. R., Gerhardt, D. J., Richmond, T. A., De Sapio, F., Brennan, P., Rizzu, P., Smith, S., Fell, M., Talbot, R. T., Gustincich, S., Freeman, T. C., Mattick, J. S., Hume, D. A., Heutink, P., Carninci, P., Jeddelloh, J. A., Faulkner, G. J. Somatic retrotransposition alters the genetic landscape of the human brain. Nature 479: 534-537, 2011. 2. Boeke, J. D. LINEs and Alus--the polyA connection. Nature Genet. 16: 6-7, 1997. 3. Brosius, J., Gould, S. J. On 'nomenclature': a comprehensive (and respectful) taxonomy for pseudogenes and other 'junk DNA.' Proc. Nat. Acad. Sci. 89: 10706-10710, 1992.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Adding 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ .
Storage:	4 °C,-20 °C

Handling

Storage Comment: At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month.
It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing.