

Datasheet for ABIN7601490
anti-RLIM antibody (AA 369-621)



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Overview

Quantity:	100 µg
Target:	RLIM
Binding Specificity:	AA 369-621
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RLIM antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF), Flow Cytometry (FACS)

Product Details

Purpose:	Anti-RLIM Antibody Picoband®
Immunogen:	E.coli-derived human RLIM recombinant protein (Position: R369-E621). Human RLIM shares 95.4% amino acid (aa) sequence identity with mouse RLIM.
Characteristics:	Anti-RLIM Antibody Picoband® (ABIN7601490). Tested in WB, IHC, IF, Flow Cytometry, ELISA applications. This antibody reacts with Human, Mouse, Rat. 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:	RLIM
Alternative Name:	RLIM (RLIM Products)
Background:	E3 ubiquitin-protein ligase RLIM is an enzyme that in humans is encoded by the RLIM gene. The protein encoded by this gene is a RING-H2 zinc finger protein. It has been shown to be an E3 ubiquitin protein ligase that targets LIM domain binding 1 (LDB1/CLIM), and causes proteasome-dependent degradation of LDB1. This protein and LDB1 are co-repressors of LHX1/LIM-1, a homeodomain transcription factor. Multiple alternatively spliced variants, encoding the same protein, have been identified.
Molecular Weight:	69 kDa
Gene ID:	51132

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human, Mouse, Rat Immunohistochemistry, 2-5 µg/mL, Human Immunofluorescence, 5 µg/mL, Human Flow Cytometry (Fixed), 1-3 µg/1x10⁶ cells, Human ELISA, 0.1-0.5 µg/mL, - 1. Bach, I., Rodriguez-Esteban, C., Carriere, C., Bhushan, A., Krones, A., Rose, D. W., Glass, C. K., Andersen, B., Belmonte, J. C. I., Rosenfeld, M. G. RLIM inhibits activity of LIM homeodomain transcription factors via recruitment of the histone deacetylase complex. <i>Nature Genet.</i> 22: 394-399, 1999. 2. Frints, S. G. M., Ozanturk, A., Rodriguez Criado, G., Grasshoff, U., de Hoon, B., Field, M., Manouvrier-Hanu, S., Hickey, S. E., Kammoun, M., Gripp, K. W., Bauer, C., Schroeder, C., and 33 others. Pathogenic variants in E3 ubiquitin ligase RLIM/RNF12 lead to a syndromic X-linked intellectual disability and behavior disorder. <i>Molec. Psychiat.</i> 24: 1748-1768, 2019. 3. Gontan, C., Achame, E. M., Demmers, J., Barakat, T. S., Rentmeester, E., van IJcken, W., Grootegoed, J. A., Gribnau, J. RNF12 initiates X-chromosome inactivation by targeting REX1 for degradation. <i>Nature</i> 485: 386-390, 2012.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Adding 0.2 mL of distilled water will yield a concentration of 500 µg/mL.

Handling

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
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.