

Datasheet for ABIN7600865  
**anti-LARP4B antibody (AA 241-684)**



[Go to Product page](#)

## Overview

Quantity:	100 µg
Target:	LARP4B
Binding Specificity:	AA 241-684
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LARP4B antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS), Immunocytochemistry (ICC), Immunofluorescence (IF), Immunohistochemistry (IHC)

## Product Details

Purpose:	Anti-LARP4B Antibody Picoband®
Immunogen:	E.coli-derived human LARP4B recombinant protein (Position: R241-K684).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-LARP4B Antibody Picoband® (ABIN7600865). Tested in ELISA, Flow Cytometry, IF, IHC, ICC, 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:	LARP4B
Alternative Name:	LARP4B ( <a href="#">LARP4B Products</a> )
Background:	<p>Synonyms: Serine/threonine-protein kinase LMTK3, Lemur tyrosine kinase 3, LMTK3, KIAA1883, TYKLM3</p> <p>Background: This gene encodes a member of an evolutionarily conserved protein family implicated in RNA metabolism and translation. Members of this family are characterized by the presence of an La motif, which is often located adjacent to one or more RNA recognition motifs (RRM). Together, the two motifs constitute the functional region of the protein and enable its interaction with the RNA substrate. This protein family is divided into five sub-families: the genuine La proteins and four La-related protein (LARP) sub-families. The protein encoded by this gene belongs to LARP sub-family 4. It is a cytoplasmic protein that may play a stimulatory role in translation.</p>
Molecular Weight:	95 kDa
Gene ID:	23185
UniProt:	<a href="#">Q92615</a>
Pathways:	<a href="#">SARS-CoV-2 Protein Interactome</a> , <a href="#">The Global Phosphorylation Landscape of SARS-CoV-2 Infection</a>

## Application Details

Application Notes:	<p>Western blot, 0.25-0.5 µg/mL, Human</p> <p>Immunohistochemistry(Paraffin-embedded Section), 2-5 µg/mL, Human</p> <p>Immunocytochemistry/Immunofluorescence, 5 µg/mL, Human</p> <p>Flow Cytometry (Fixed), 1-3 µg/1×10<sup>6</sup> cells, Human</p> <p>ELISA, 0.1-0.5 µg/mL, -</p> <p>1. Hartz, P. A. Personal Communication. Baltimore, Md. 8/11/2015. 2. Kuspert, M., Murakawa, Y., Schaffler, K., Vanselow, J. T., Wolf, E., Juranek, S., Schlosser, A., Landthaler, M., Fischer, U. LARP4B is an AU-rich sequence associated factor that promotes mRNA accumulation and translation. RNA 21: 1294-1305, 2015. 3. Nagase, T., Seki, N., Ishikawa, K., Ohira, M., Kawarabayasi, Y., Ohara, O., Tanaka, A., Kotani, H., Miyajima, N., Nomura, N. Prediction of the coding sequences of unidentified human genes. VI. The coding sequences of 80 new genes (KIAA0201-KIAA0280) deduced by analysis of cDNA clones from cell line KG-1 and brain. DNA Res. 3: 321-329, 1996.</p>
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 <sub>2</sub> HPO <sub>4</sub> .
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.