

Datasheet for ABIN7602092

anti-LRRC75B/FAM211B antibody (AA 59-283)[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	LRRC75B/FAM211B (C22orf36)
Binding Specificity:	AA 59-283
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LRRC75B/FAM211B antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS), Immunohistochemistry (IHC)

Product Details

Purpose:	Anti-LRRC75B Antibody Picoband®
Immunogen:	E.coli-derived human LRRC75B recombinant protein (Position: Q59-E283).
Isotype:	IgG
Cross-Reactivity (Details):	No cross reactivity with other proteins.
Characteristics:	Anti-LRRC75B Antibody Picoband® (ABIN7602092). Tested in ELISA, IHC, WB, Flow Cytometry 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:	LRRC75B/FAM211B (C22orf36)
Alternative Name:	LRRC75B (C22orf36 Products)
Background:	<p>Synonyms: 70 kDa ribosomal protein S6 kinase 1 antibody, KS6B1_HUMAN antibody, p70 alpha antibody, P70 beta 1 antibody, p70 ribosomal S6 kinase alpha antibody, p70 ribosomal S6 kinase beta 1 antibody, p70 S6 kinase alpha antibody, P70 S6 Kinase antibody, p70 S6 kinase alpha 1 antibody, p70 S6 kinase alpha 2 antibody, p70 S6K antibody, p70 S6K-alpha antibody, p70 S6KA antibody, p70(S6K) alpha antibody, p70(S6K)-alpha antibody, p70-alpha antibody, p70-S6K 1 antibody, p70-S6K antibody, P70S6K antibody, P70S6K1 antibody, p70S6Kb antibody, PS6K antibody, Ribosomal protein S6 kinase 70 kDa polypeptide 1 antibody, Ribosomal protein S6 kinase beta 1 antibody, Ribosomal protein S6 kinase beta-1 antibody, Ribosomal protein S6 kinase I antibody, RPS6KB1 antibody, S6K antibody, S6K-beta-1 antibody, S6K1 antibody, Serine/threonine kinase 14 alpha antibody, Serine/threonine-protein kinase 14A antibody, STK14A antibody</p> <p>Tissue Specificity: Expressed in all tissues.</p> <p>Background: FAM211B (family with sequence similarity 211, member B) is a leucine-rich repeat (LRR) protein present in viruses as well as eukaryotes. It is involved in diverse functions and is involved in protein-protein interactions. The LRR domains fold into a horseshoe (or arc) shape with a parallel β-sheet on the concave face.</p>
Molecular Weight:	35 kDa
Gene ID:	388886

Application Details

Application Notes:	<p>Western blot, 0.25-0.5 $\mu\text{g/mL}$, Human, Mouse, Rat</p> <p>Immunohistochemistry, 2-5 $\mu\text{g/mL}$, Human</p> <p>Flow Cytometry (Fixed), 1-3 $\mu\text{g}/1 \times 10^6$ cells, Human</p> <p>ELISA, 0.1-0.5 $\mu\text{g/mL}$, -</p> <p>1. Yuan, X., Waterworth, D., Perry, J. R., Lim, N., Song, K., Chambers, J. C., ... & Mooser, V. (2008). Population-based genome-wide association studies reveal six loci influencing plasma levels of liver enzymes. The American Journal of Human Genetics, 83(4), 520-528. 2. Kim, Y. J., Go, M. J., Hu, C., Hong, C. B., Kim, Y. K., Lee, J. Y., ... & Cho, Y. S. (2011). Large-scale genome-wide association studies in East Asians identify new genetic loci influencing metabolic traits. Nature genetics, 43(10), 990-995. 3. Yang, J., Guo, F., San Chin, H., Chen, G. B., Ang, C. H., Lin, Q., ... & Fu, N. Y. (2023). Sequential genome-wide CRISPR-Cas9 screens identify genes regulating cell-surface expression of tetraspanins. Cell Reports, 42(2).</p>
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Application Details

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 Na2HPO4.
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.