

Datasheet for ABIN7601637
anti-LAGE3 antibody (AA 40-143)



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Overview

Quantity:	100 µg
Target:	LAGE3
Binding Specificity:	AA 40-143
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LAGE3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunocytochemistry (ICC), Immunofluorescence (IF)

Product Details

Purpose:	Anti-LAGE3 Antibody Picoband®
Immunogen:	E.coli-derived human LAGE3 recombinant protein (Position: A40-R143).
Isotype:	IgG
Cross-Reactivity (Details):	No cross reactivity with other proteins.
Characteristics:	<p>Anti-LAGE3 Antibody Picoband® (ABIN7601637). Tested in ELISA, IF, ICC, WB applications.</p> <p>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.</p>
Purification:	Immunogen affinity purified.

Target Details

Target:	LAGE3
Alternative Name:	LAGE3 (LAGE3 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: This gene belongs to the ESO/LAGE gene family, members of which are clustered together on chromosome Xq28, and have similar exon-intron structures. Unlike the other family members which are normally expressed only in testis and activated in a wide range of human tumors, this gene is ubiquitously expressed in somatic tissues. The latter, combined with the finding that it is highly conserved in mouse and rat, suggests that the encoded protein is functionally important. An intronless pseudogene with high sequence similarity to this gene is located on chromosome 9.</p>
Molecular Weight:	17 kDa
Gene ID:	8270
UniProt:	Q14657

Application Details

Application Notes:	<p>Western blot, 0.25-0.5 µg/mL, Human</p> <p>Immunocytochemistry/Immunofluorescence, 5 µg/mL, Human</p> <p>ELISA, 0.1-0.5 µg/mL, -</p> <p>1. Braun, D. A., Rao, J., Mollet, G., Schapiro, D., Dauger, M.-C., Tan, W., Gribouval, O., Boyer, O., Revy, P., Jobst-Schwan, T., Schmidt, J. M., Lawson, J. A., and 90 others. Mutations in KEOPS-complex genes cause nephrotic syndrome with primary microcephaly. <i>Nature Genet.</i> 49: 1529-1538, 2017. 2. Faranda, S., Frattini, A., Zucchi, I., Patrosso, C., Milanes, L., Montagna, C., Vezzoni,</p>
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Application Details

P. Characterization and fine localization of two new genes in Xq28 using the genomic sequence/EST database screening approach. Genomics 34: 323-327, 1996. 3. Faranda, S. Personal Communication. Milan, Italy 7/18/1996.

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.