

Datasheet for ABIN7602392
anti-Lsg1 antibody (AA 73-578)



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Overview

Quantity:	100 µg
Target:	Lsg1
Binding Specificity:	AA 73-578
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Lsg1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Flow Cytometry (FACS), Immunocytochemistry (ICC), Immunofluorescence (IF)

Product Details

Purpose:	Anti-LSG1 Antibody Picoband®
Immunogen:	E.coli-derived human CD316/IGSF8 recombinant protein (Position: D73-D578). Human IGSF8 shares 91.3% amino acid (aa) sequence identity with mouse IGSF8.
Isotype:	IgG
Cross-Reactivity (Details):	No cross reactivity with other proteins.
Characteristics:	Anti-LSG1 Antibody Picoband® (ABIN7602392). Tested in ELISA, IF, IHC, ICC, 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.

Product Details

Purification: Immunogen affinity purified.

Target Details

Target:	Lsg1
Alternative Name:	LSG1 (Lsg1 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: Large subunit GTPase 1 homolog is an enzyme that in humans is encoded by the LSG1 gene. This gene encodes a protein related to the yeast large subunit GTPase 1. The encoded protein is necessary for cell viability and may localize in the endoplasmic reticulum, nucleus and cytoplasm.</p>
Molecular Weight:	75-80 kDa
Gene ID:	55341
UniProt:	Q9H089

Application Details

Application Notes:	<p>Western blot, 0.25-0.5 µg/mL, Human, Mouse, Rat</p> <p>Immunohistochemistry, 2-5 µg/mL, Human</p> <p>Immunocytochemistry/Immunofluorescence, 5 µg/mL, Human</p> <p>Flow Cytometry (Fixed), 1-3 µg/1x10⁶ cells, Human</p> <p>ELISA, 0.1-0.5 µg/mL, -</p> <p>1. Reynaud, E. G., Andrade, M. A., Bonneau, F., Ly, T. B. N., Knop, M., Scheffzek, K., Pepperkok, R.</p> <p>Human Lsg1 defines a family of essential GTPases that correlates with the evolution of</p>
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Application Details

compartmentalization. BMC Biol. 3: 21, 2005. Note: Electronic Article. 2. Simpson, J. C., Wellenreuther, R., Poustka, A., Pepperkok, R., Wiemann, S. Systematic subcellular localization of novel proteins identified by large-scale cDNA sequencing. EMBO Rep. 1: 287-292, 2000.

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.