

Datasheet for ABIN7602550
anti-LYPD6 antibody (AA 83-714)



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Overview

Quantity:	100 µg
Target:	LYPD6
Binding Specificity:	AA 83-714
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LYPD6 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS)

Product Details

Purpose:	Anti-LYPD6 Antibody Picoband®
Immunogen:	E.coli-derived human Mitofilin/IMMT recombinant protein (Position: D83-K714). Human IMMT shares 88.6% amino acid (aa) sequence identity with mouse?IMMT.
Isotype:	IgG
Cross-Reactivity (Details):	No cross reactivity with other proteins.
Characteristics:	Anti-LYPD6 Antibody Picoband® (ABIN7602550). Tested in ELISA, WB, Flow Cytometry 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:	LYPD6
Alternative Name:	LYPD6 (LYPD6 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: Members of the LY6 protein family (see SLURP1, MIM 606119), such as LYPD6, have at least one 80-amino acid LU domain that contains 10 conserved cysteines with a defined disulfide-bonding pattern (Zhang et al., 2010 [PubMed 19653121]).</p>
Molecular Weight:	19 kDa
Gene ID:	130574
UniProt:	Q86Y78

Application Details

Application Notes:	<p>Western blot, 0.25-0.5 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. Zhang, Y., Lang, Q., Li, J., Xie, F., Wan, B., Yu, L. Identification and characterization of human LYPD6, a new member of the Ly-6 superfamily. Molec. Biol. Rep. 37: 2055-2062, 2010.</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.

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.