Datasheet for ABIN7602645

anti-LYPD3 antibody (AA 90-392)

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Overview

Quantity:	100 µg
Target:	LYPD3
Binding Specificity:	AA 90-392
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LYPD3 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Flow Cytometry (FACS)

Product Details

Purpose:	Anti-LYPD3 Antibody Picoband®
Immunogen:	E.coli-derived human ILKAP recombinant protein (Position: E90-H392). Human ILKAP shares 98% and 98.7% amino acid (aa) sequence identity with mouse and rat ILKAP, respectively.
Isotype:	IgG
Cross-Reactivity (Details):	No cross reactivity with other proteins.
Characteristics:	Anti-LYPD3 Antibody Picoband® (ABIN7602645). Tested in ELISA, IF, 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.

Product Details

Purification:	Immunogen affinity purified.

Target Details

Target:	LYPD3
Alternative Name:	LYPD3 (LYPD3 Products)
Background:	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 Tissue Specificity: Expressed in all tissues. Background: Ly6/PLAUR domain-containing protein 3 is a protein that in humans is encoded by the LYPD3 gene. Ly6 / PLAUR domain-containing protein 3, also known as GPI-anchored metastasis-associated protein C4.4A homolog, Matrigel-induced gene C4 protein, MIG-C4, and LYPD3, is a cell membrane protein that contains two UPAR/Ly6 domains. Human LYPD3 contains two UPAR/Ly6 domains. LYPD3 is expressed in the placenta, skin, and urothelium. It is found in suprabasal keratinocytes of chronic wounds. Weak expression of LYPD3 is found in the esophagus and peripheral blood mononuclear cells. It is found in the majority of primary and metastatic transitional cell carcinomas (TCCs) and as well in breast cancer tissues, but not in adjacent normal tissues. High expression of LYPD3 is found in the tumor component of some noninvasive superficial lesions and invasive and metastatic urothelial cancers. LYPD3 is up-regulated in migrating keratinocytes during epithelisation of incisional skin wounds. LYPD3 supports cell migration. It may be involved in urothelial cell-matrix interactions. It may also be involved in tumor progression.
Molecular Weight:	75 kDa
Gene ID:	27076
UniProt:	O95274

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human, Mouse, Rat Immunohistochemistry, 1-2 µg/mL, Human, Rat Immunofluorescence, 5 µg/mL, Human Flow Cytometry (Fixed), 1-3 µg/1x10^6 cells, Human ELISA, 0.1-0.5 µg/mL, - 1. Fletcher, G. C., Patel, S., Tyson, K., Adam, P. J., Schenker, M., Loader, J. A., Daviet, L., Legrain, P., Parekh, R., Harris, A. L., Terrett, J. A. hAG-2 and hAG-3, human homologues of genes involved in differentiation, are associated with oestrogen receptor-positive breast tumours and interact with metastasis gene C4.4a and dystroglycan. Brit. J. Cancer 88: 579-585, 2003. 2. Hansen, L. V., Gardsvoll, H., Nielsen, B. S., Lund, L. R., Dano, K., Jensen, O. N., Ploug, M. Structural analysis and tissue localization of human C4.4A: a protein homologue of the urokinase receptor. Biochem. J. 380: 845-857, 2004. 3. Wurfel, J., Seiter, S., Stassar, M., Claas, A., Klas, R., Rosel, M., Marhaba, R., Savelyeva, L., Schwab, M., Matzku, S., Zoller, M. Cloning of the human homologue of the metastasis-associated rat C4.4A. Gene 262: 35-41, 2001.
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.