

Datasheet for ABIN7601770
anti-Leupaxin antibody (AA 45-323)



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Overview

Quantity:	100 µg
Target:	Leupaxin (LPXN)
Binding Specificity:	AA 45-323
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Leupaxin antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunocytochemistry (ICC), Immunofluorescence (IF), Flow Cytometry (FACS)

Product Details

Purpose:	Anti-LPXN Antibody Picoband®
Immunogen:	E.coli-derived human LPXN recombinant protein (Position: E45-H323). Human LPXN shares 89.5% amino acid (aa) sequence identity with mouse LPXN.
Characteristics:	Anti-LPXN Antibody Picoband® (ABIN7601770). Tested in WB, ICC/IF, Flow Cytometry, ELISA applications. This antibody reacts with Human, Mouse. 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:	Leupaxin (LPXN)
Alternative Name:	LPXN (LPXN Products)
Background:	Leupaxin is a protein that in humans is encoded by the LPXN gene. This gene is mapped to 11q12.1. The product encoded by this gene is preferentially expressed in hematopoietic cells and belongs to the paxillin protein family. Similar to other members of this focal-adhesion-associated adaptor-protein family, it has four leucine-rich LD-motifs in the N-terminus and four LIM domains in the C-terminus. It may function in cell type-specific signaling by associating with PYK2, a member of focal adhesion kinase family. As a substrate for a tyrosine kinase in lymphoid cells, this protein may also function in, and be regulated by, tyrosine kinase activity.
Molecular Weight:	43 kDa
Gene ID:	9404
UniProt:	O60711

Application Details

Application Notes:	Western blot, 0.1-0.25 µg/mL, Human, Mouse Immunocytochemistry/Immunofluorescence, 5 µg/mL, Human Flow Cytometry (Fixed), 1-3 µg/1×10 ⁶ cells, Human ELISA, 0.1-0.5 µg/mL, - 1. Lipsky, B. P., Beals, C. R., Staunton, D. E. Leupaxin is a novel LIM domain protein that forms a complex with PYK2. J. Biol. Chem. 273: 11709-11713, 1998. 2. "Entrez Gene: LPXN leupaxin".
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 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.