

Datasheet for ABIN7600924
anti-PLEKHA5 antibody (AA 25-905)



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Overview

Quantity:	100 µg
Target:	PLEKHA5
Binding Specificity:	AA 25-905
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PLEKHA5 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS), Immunocytochemistry (ICC), Immunofluorescence (IF)

Product Details

Purpose:	Anti-PEPP2/PLEKHA5 Antibody Picoband®
Immunogen:	E.coli-derived human PEPP2/PLEKHA5 recombinant protein (Position: R25-Q905).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-PEPP2/PLEKHA5 Antibody Picoband® (ABIN7600924). Tested in ELISA, Flow Cytometry, IF, ICC, WB 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.
Purification:	Immunogen affinity purified.

Target Details

Target:	PLEKHA5
Alternative Name:	PLEKHA5 (PLEKHA5 Products)
Background:	<p>Synonyms: Tudor domain-containing protein 3, TDRD3</p> <p>Tissue Specificity: Detected in heart, brain, placenta, lung, liver, skeletal muscle, kidney and pancreas.</p> <p>Background: Pleckstrin homology domain-containing family A member 5 is a protein that in humans is encoded by the PLEKHA5 gene. This gene, which encodes a transcriptional repressor, is one of two paralogous X-linked homeobox-containing genes and is highly expressed in a variety of cancers. In addition, the encoded protein associates with the cell membrane and with microtubules and is concentrated at the leading edge of migratory cells.</p>
Molecular Weight:	130 kDa
Gene ID:	54477
Pathways:	SARS-CoV-2 Protein Interactome , The Global Phosphorylation Landscape of SARS-CoV-2 Infection

Application Details

Application Notes:	<p>Western blot, 0.1-0.25 µg/mL, Human, Mouse, Rat</p> <p>Immunocytochemistry/Immunofluorescence, 5 µg/mL, Human</p> <p>Flow Cytometry (Fixed), 1-3 µg/1×10⁶ cells, Human</p> <p>ELISA, 0.1-0.5 µg/mL, -</p> <p>1. Dowler, S., Currie, R. A., Campbell, D. G., Deak, M., Kular, G., Downes, C. P., Alessi, D. R. Identification of pleckstrin-homology-domain-containing proteins with novel phosphoinositide-binding specificities. <i>Biochem. J.</i> 351: 19-31, 2000. 2. Nagase, T., Kikuno, R., Hattori, A., Kondo, Y., Okumura, K., Ohara, O. Prediction of the coding sequences of unidentified human genes. XIX. The complete sequences of 100 new cDNA clones from brain which code for large proteins in vitro. <i>DNA Res.</i> 7: 347-355, 2000.</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.
Concentration:	500 µg/mL

Handling

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.