

Datasheet for ABIN7602430

anti-PLEKHA1 antibody (AA 76-387)[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	PLEKHA1
Binding Specificity:	AA 76-387
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PLEKHA1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunofluorescence (IF), Flow Cytometry (FACS)

Product Details

Purpose:	Anti-PLEKHA1 Antibody Picoband®
Immunogen:	E.coli-derived human PLEKHA1 recombinant protein (Position: K76-K387).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-PLEKHA1 Antibody Picoband® (ABIN7602430). Tested in ELISA, Flow Cytometry, IF, IHC, ICC, WB 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:	PLEKHA1
Alternative Name:	PLEKHA1 (PLEKHA1 Products)
Background:	Synonyms: Tudor domain-containing protein 3, TDRD3 Tissue Specificity: Detected in heart, brain, placenta, lung, liver, skeletal muscle, kidney and pancreas. Background: Pleckstrin homology domain-containing family A member 1 is a protein that in humans is encoded by the PLEKHA1 gene. This gene encodes a pleckstrin homology domain-containing adapter protein. The encoded protein is localized to the plasma membrane where it specifically binds phosphatidylinositol 3,4-bisphosphate. This protein may be involved in the formation of signaling complexes in the plasma membrane. Polymorphisms in this gene are associated with age-related macular degeneration. Alternate splicing results in multiple transcript variants. A pseudogene of this gene is found on chromosome 5.
Molecular Weight:	46 kDa
Gene ID:	59338
Pathways:	Platelet-derived growth Factor Receptor Signaling

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human Immunohistochemistry(Paraffin-embedded Section), 2-5 µg/mL, Human Immunocytochemistry/Immunofluorescence, 5 µg/mL, Human Immunofluorescence, 5 µg/mL, Human Flow Cytometry (Fixed), 1-3 µg/1x1x10⁶ cells, Human ELISA, 0.1-0.5 µg/mL, - 1. Conley, Y. P., Jakobsdottir, J., Mah, T., Weeks, D. E., Klein, R., Kuller, L., Ferrell, R. E., Gorin, M. B. CFH, ELOVL4, PLEKHA1 and LOC387715 genes and susceptibility to age-related maculopathy: AREDS and CHS cohorts and meta-analyses. Hum. Molec. Genet. 15: 3206-3218, 2006. 2. 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. Biochem. J. 351: 19-31, 2000. 3. Jakobsdottir, J., Conley, Y. P., Weeks, D. E., Mah, T. S., Ferrell, R. E., Gorin, M. B. Susceptibility genes for age-related maculopathy on chromosome 10q26. Am. J. Hum. Genet. 77: 389-407, 2005.
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.