

Datasheet for ABIN7602409
anti-WDR36 antibody (AA 74-865)



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Overview

Quantity:	100 µg
Target:	WDR36
Binding Specificity:	AA 74-865
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This WDR36 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Flow Cytometry (FACS), Immunocytochemistry (ICC), Immunofluorescence (IF)

Product Details

Purpose:	Anti-WDR36 Antibody Picoband®
Immunogen:	E.coli-derived human WDR36 recombinant protein (Position: R74-D865).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins
Characteristics:	Anti-WDR36 Antibody Picoband® (ABIN7602409). Tested in ELISA, Flow Cytometry, IF, 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:	WDR36
Alternative Name:	WDR36 (WDR36 Products)
Background:	<p>Synonyms: Protein phosphatase 1 regulatory subunit 14A,17 kDa PKC-potentiased inhibitory protein of PP1,Protein kinase C-potentiased inhibitor protein of 17 kDa,CPI-17,PPP1R14A,CPI17, PPP1INL,</p> <p>Tissue Specificity: Isoform 1 is detected in aorta and testis. Isoform 2 is detected in aorta. .</p> <p>Background: WD repeat-containing protein 36 is a protein that in humans is encoded by the WDR36 gene. This gene encodes a member of the WD repeat protein family. WD repeats are minimally conserved regions of approximately 40 amino acids typically bracketed by gly-his and trp-asn (GH-WD), which may facilitate formation of heterotrimeric or multiprotein complexes. Members of this family are involved in a variety of cellular processes, including cell cycle progression, signal transduction, apoptosis, and gene regulation. Mutations in this gene have been associated with adult-onset primary open-angle glaucoma (POAG).</p>
Molecular Weight:	105 kDa
Gene ID:	134430
Pathways:	Regulation of Cell Size

Application Details

Application Notes:	<p>Western blot, 0.25-0.5 µg/mL, Human</p> <p>Immunocytochemistry/Immunofluorescence, 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. Bernstein, K. A., Gallagher, J. E. G., Mitchell, B. M., Granneman, S., Baserga, S. J. The small-subunit processome is a ribosome assembly intermediate. Eukaryotic Cell 3: 1619-1626, 2004.</p> <p>2. Fingert, J. H., Alward, W. L. M., Kwon, Y. H., Shankar, S. P., Andorf, J. L., Mackey, D. A., Sheffield, V. C., Stone, E. M. No association between variations in the WDR36 gene and primary open-angle glaucoma. Arch. Ophthalmol. 125: 434-436, 2007. 3. Footz, T. K., Johnson, J. L., Dubois, S., Boivin, N., Raymond, V., Walter, M. A. Glaucoma-associated WDR36 variants encode functional defects in a yeast model system. Hum. Molec. Genet. 18: 1276-1287, 2009.</p>
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
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Handling

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.