Datasheet for ABIN7600394

anti-WDR44 antibody (AA 188-913)

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Overview

Quantity:	100 µg
Target:	WDR44
Binding Specificity:	AA 188-913
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This WDR44 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS), Immunohistochemistry (IHC)

Product Details

Purpose:	Anti-WDR44 Antibody Picoband®
Immunogen:	E.coli-derived human WDR44 recombinant protein (Position: D188-S913).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-WDR44 Antibody Picoband® (ABIN7600394). Tested in ELISA, Flow Cytometry, IHC, 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:	WDR44
Alternative Name:	WDR44 (WDR44 Products)
Background:	Synonyms: Solute carrier family 2, facilitated glucose transporter member 6, Glucose transporter type 6, GLUT-6, Glucose transporter type 9, GLUT-9, SLC2A6, GLUT9 Tissue Specificity: Highly expressed in brain, spleen and peripheral blood leukocytes. Background: WD repeat-containing protein 44 is a protein that in humans is encoded by the WDR44 gene. This gene encodes a protein that interacts with the small GTPase rab11. A similar protein in rat binds the GTP-containing active form of rab11. This protein may play a role in endosome recycling. Alternate splicing results in multiple transcript variants.
Molecular Weight:	130 kDa
Gene ID:	54521

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human Immunohistochemistry(Paraffin-embedded Section), 2-5 µg/mL, Human Flow Cytometry (Fixed), 1-3 µg/1x10^6 cells, Human ELISA, 0.1-0.5 µg/mL, - 1. Gross, M. B. Personal Communication. Baltimore, Md. 2/15/2022. 2. Mammoto, A., Ohtsuka, T., Hotta, I., Sasaki, T., Takai, Y. Rab11BP/rabphilin-11, a downstream target of Rab11 small G protein implicated in vesicle recycling. J. Biol. Chem. 274: 25517-25524, 1999. 3. Walia, V., Cuenca, A., Vetter, M., Insinna, C., Perera, S., Lu, Q., Ritt, D. A., Semier, E., Specht, S., Stauffer, J., Morrison, D. K., Lorentzen, E., Westlake, C. J. Akt regulates a Rab11-effector switch required for ciliogenesis. Dev. Cell 50: 229-246, 2019.
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

Handling

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.