Datasheet for ABIN7600939

anti-WDR7 antibody (AA 258-1292)

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Overview

Quantity:	100 µg
Target:	WDR7
Binding Specificity:	AA 258-1292
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This WDR7 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Flow Cytometry (FACS)

Product Details

Purpose:	Anti-WDR7 Antibody Picoband®
Immunogen:	E.coli-derived human WDR7 recombinant protein (Position: Q258-Q1292).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-WDR7 Antibody Picoband® (ABIN7600939). Tested in ELISA, Flow Cytometry, IHC, 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:	WDR7
Alternative Name:	WDR7 (WDR7 Products)
Background:	Synonyms: DAP3-binding cell death enhancer 1, Death ligand signal enhancer, DELE1, DELE, KIAA0141 Tissue Specificity: Detected in liver, skeletal muscle, kidney, pancreas, spleen, thyroid, testis, ovary, small intestine and colon. Background: 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-asp (GH-WD) that 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. The encoded protein forms the beta subunit of rabconnectin-3 and binds ly with Rab3A GDP/GTP exchange protein and inly with Rab3A GDP/GTP activating protein, these proteins are regulators of Rab3 small G protein family members involved in control of the calcium-dependant exocytosis of neurotransmitters. Alternatively spliced transcript variants encoding different isoforms have been described.
Molecular Weight:	160 kDa
Gene ID:	23335
UniProt:	Q9Y4E6

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human, Mouse, Rat Immunohistochemistry(Paraffin-embedded Section), 2-5 µg/mL, Mouse, Rat Flow Cytometry (Fixed), 1-3 µg/1x10^6 cells, Human ELISA, 0.1-0.5 µg/mL, - 1. Course, M. M., Gudsnuk, K., Smukowski, S. N., Winston, K., Desai, N., Ross, J. P., Sulovari, A., Bourassa, C. V., Spiegelman, D., Couthouis, J., Yu, C.-E., Tsuang, D. W., Jayadev, S., Kay, M. A., Gitler, A. D., Dupre, N., Eichler, E. E., Dion, P. A., Rouleau, G. A., Valdmanis, P. N. Evolution of a human-specific tandem repeat associated with ALS. Am. J. Hum. Genet. 107: 445-460, 2020. 2. Kawabe, H., Sakisaka, T., Yasumi, M., Shingai, T., Izumi, G., Nagano, F., Deguchi-Tawarada, M., Takeuchi, M., Nakanishi, H., Takai, Y. A novel rabconnectin-3-binding protein that ly binds a GDP/GTP exchange protein for Rab3A small G protein implicated in Ca(2+)-dependent exocytosis of neurotransmitter. Genes Cells 8: 537-546, 2003. 3. Nagase, T., Ishikawa, K., Miyajima, N., Tanaka, A., Kotani, H., Nomura, N., Ohara, O. Prediction of the coding sequences of

Application Details

	unidentified human genes. IX. The complete sequences of 100 new cDNA clones from brain which can code for large proteins in vitro. DNA Res. 5: 31-39, 1998.
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
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.