Datasheet for ABIN7599731

anti-VPS53 antibody (AA 11-699)

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Overview

Quantity:	100 µg
Target:	VPS53
Binding Specificity:	AA 11-699
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This VPS53 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Flow Cytometry (FACS)

Product Details

Purpose:	Anti-VPS53 Antibody Picoband®
Immunogen:	E.coli-derived human VPS53 recombinant protein (Position: E11-T699).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-VPS53 Antibody Picoband® (ABIN7599731). Tested in ELISA, Flow Cytometry, IF, IHC, 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:	VPS53
Alternative Name:	VPS53 (VPS53 Products)
Background:	Synonyms: Intraflagellar transport protein 88 homolog, Recessive polycystic kidney disease protein Tg737 homolog, Tetratricopeptide repeat protein 10, TPR repeat protein 10, IFT88, TG737, TTC10 Tissue Specificity: Expressed in the heart, brain, liver, lung, kidney, skeletal muscle and pancreas. Background: Vacuolar protein sorting 53 homolog (S. cerevisiae) is a protein that in humans is encoded by the VPS53 gene. This gene encodes a protein with sequence similarity to the yeast Vps53p protein. Vps53p is involved in retrograde vesicle trafficking in late Golgi.
Molecular Weight:	100 kDa
Gene ID:	55275

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human Immunohistochemistry(Paraffin-embedded Section), 2-5 µg/mL, Human, Mouse, Rat Immunocytochemistry/Immunofluorescence, 5 µg/mL, Human Immunofluorescence, 5 µg/mL, Human Flow Cytometry (Fixed), 1-3 µg/1x10^6 cells, Human ELISA, 0.1-0.5 µg/mL, - 1. Ben-Zeev, B., Hoffman, C., Lev, D., Watemberg, N., Malinger, G., Brand, N., Lerman-Sagie, T. Progressive cerebellocerebral atrophy: a new syndrome with microcephaly, mental retardation, and spastic quadriplegia. J. Med. Genet. 40: e96, 2003. Note: Electronic Article. 2. Brass, A. L., Dykxhoorn, D. M., Benita, Y., Yan, N., Engelman, A., Xavier, R. J., Lieberman, J., Elledge, S. J. Identification of host proteins required for HIV infection through a functional genomic screen. Science 319: 921-926, 2008. 3. Feinstein, M., Flusser, H., Lerman-Sagie, T., Ben-Zeev, B., Lev, D., Agamy, O., Cohen, I., Kadir, R., Sivan, S., Leshinsky-Silver, E., Markus, B., Birk, O. S. VPS53 mutations cause progressive cerebello-cerebral atrophy type 2 (PCCA2). J. Med. Genet. 51: 303-308, 2014.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized

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 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.