

Datasheet for ABIN7601551
anti-VPS51 antibody (AA 38-781)



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Overview

Quantity:	100 µg
Target:	VPS51
Binding Specificity:	AA 38-781
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This VPS51 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS)

Product Details

Purpose:	Anti-FFR/VPS51 Antibody Picoband®
Immunogen:	E.coli-derived human FFR/VPS51 recombinant protein (Position: K38-R781).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-FFR/VPS51 Antibody Picoband® (ABIN7601551). Tested in ELISA, Flow Cytometry, 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:	VPS51
Alternative Name:	VPS51 (VPS51 Products)
Background:	<p>Synonyms: PHD finger protein 21A, BHC80a, BRAF35-HDAC complex protein BHC80, PHF21A, BHC80, KIAA1696, BM-006</p> <p>Tissue Specificity: Highly expressed in brain. Expressed at much lower level in other tissues.</p> <p>Background: This gene encodes a member of the vacuolar protein sorting-associated protein 51 family. The encoded protein is a component of the Golgi-associated retrograde protein complex which acts as a tethering factor for carriers in retrograde transport from the early and late endosomes to the trans-Golgi network. Alternative splicing results in multiple transcript variants.</p>
Molecular Weight:	86 kDa
Gene ID:	738

Application Details

Application Notes:	<p>Western blot, 0.25-0.5 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. Gershlick, D. C., Ishida, M., Jones, J. R., Bellomo, A., Bonifacino, J. S., Everman, D. B. A neurodevelopmental disorder caused by mutations in the VPS51 subunit of the GARP and EARP complexes. Hum. Molec. Genet. 28: 1548-1560, 2019. 2. Hartz, P. A. Personal Communication. Baltimore, Md. 4/14/2014. 3. Perez-Victoria, F. J., Schindler, C., Magadan, J. G., Mardones, G. A., Delevoye, C., Romao, M., Raposo, G., Bonifacino, J. S. Ang2/fat-free is a conserved subunit of the Golgi-associated retrograde protein complex. Molec. Biol. Cell 21: 3386-3395, 2010.</p>
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

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.