Datasheet for ABIN7600973

anti-OSBPL5 antibody (AA 26-879)

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Overview

Quantity:	100 µg
Target:	OSBPL5
Binding Specificity:	AA 26-879
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunocytochemistry (ICC), Flow Cytometry (FACS)

Product Details

Purpose:	Anti-OSBPL5 Antibody Picoband®
Immunogen:	E.coli-derived human OSBPL5 recombinant protein (Position: R26-K879). Human OSBPL5 shares 84.4% amino acid (aa) sequence identity with mouse OSBPL5.
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins
Characteristics:	Anti-OSBPL5 Antibody Picoband® (ABIN7600973). Tested in WB, ICC/IF, Flow Cytometry, ELISA 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:	OSBPL5
Alternative Name:	OSBPL5 (OSBPL5 Products)
Background:	Synonyms: OSBPL5, KIAA1534, OBPH1, ORP5, Oxysterol-binding protein-related protein 5, ORP-5, OSBP-related protein 5, Oxysterol-binding protein homolog 1 Background: This gene encodes a member of the oxysterol-binding protein (OSBP) family, a group of intracellular lipid receptors that play a key role in the maintenance of cholesterol balance in the body. Most members contain an N-terminal pleckstrin homology domain and a highly conserved C-terminal OSBP-like sterol-binding domain. This gene has been shown to be imprinted, with preferential expression from the maternal allele only in placenta. Transcript variants encoding different isoforms have been identified.
Molecular Weight:	99 kDa
Gene ID:	114879
UniProt:	Q9H0X9

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human Immunocytochemistry/Immunofluorescence, 5 µg/mL, Human Flow Cytometry (Fixed), 1-3 µg/1x10^6 cells, Human ELISA, 0.1-0.5 µg/mL 1. Chung, J., Torta, F., Masai, K., Lucast, L., Czapla, H., Tanner, L. B., Narayanaswamy, P., Wenk, M. R., Nakatsu, F., De Camilli, P. PI4P/phosphatidylserine countertransport at ORP5- and ORP8-mediated ER-plasma membrane contacts. Science 349: 428-432, 2015. 2. Higashimoto, K., Soejima, H., Yatsuki, H., Joh, K., Uchiyama, M., Obata, Y., Ono, R., Wang, Y., Xin, Z., Zhu, X., Masuko, S., Ishino, F., Hatada, I., Jinno, Y., Iwasaka, T., Katsuki, T., Mukai, T. Characterization and imprinting status of OBPH1/Obph1 gene: implications for an extended imprinting domain in human and mouse. Genomics 80: 575-584, 2002. Note: Erratum: Genomics 81, 346 only, 2003. 3. Jaworski, C. J., Moreira, E., Li, A., Lee, R., Rodriguez, I. R. A family of 12 human genes containing oxysterol-binding domains. Genomics 78: 185-196, 2001.
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.

