

Datasheet for ABIN7601359
anti-OSBPL8 antibody (AA 33-889)



[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	OSBPL8
Binding Specificity:	AA 33-889
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OSBPL8 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunocytochemistry (ICC), Immunofluorescence (IF), Flow Cytometry (FACS)

Product Details

Purpose:	Anti-OSBPL8 Antibody Picoband®
Immunogen:	E.coli-derived human OSBPL8 recombinant protein (Position: D33-K889).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-OSBPL8 Antibody Picoband® (ABIN7601359). Tested in ELISA, Flow Cytometry, IF, ICC, 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:	OSBPL8
Alternative Name:	OSBPL8 (OSBPL8 Products)
Background:	<p>Synonyms: Ubiquitin carboxyl-terminal hydrolase 44, Deubiquitinating enzyme 44, Ubiquitin thioesterase 44, Ubiquitin-specific-processing protease 44, USP44</p> <p>Tissue Specificity: Expressed in testis. Expressed at high levels in T-cell acute lymphoblastic leukemia.</p> <p>Background: Oxysterol-binding protein-related protein 8 is a protein that in humans is encoded by the OSBPL8 gene. This gene encodes a member of a family of proteins containing an N-terminal pleckstrin homology domain and a highly conserved C-terminal oxysterol-binding protein-like sterol-binding domain. It binds multiple lipid-containing molecules, including phosphatidylserine, phosphatidylinositol 4-phosphate (PI4P) and oxysterol, and promotes their exchange between the endoplasmic reticulum and the plasma membrane. Alternative splicing results in multiple transcript variants.</p>
Molecular Weight:	120 kDa
Gene ID:	114882

Application Details

Application Notes:	<p>Western blot, 0.25-0.5 µg/mL, Human</p> <p>Immunocytochemistry/Immunofluorescence, 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. Chung, J., Torta, F., Masai, K., Lucast, L., Czaplá, 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. <i>Science</i> 349: 428-432, 2015. 2. Jaworski, C. J., Moreira, E., Li, A., Lee, R., Rodriguez, I. R. A family of 12 human genes containing oxysterol-binding domains. <i>Genomics</i> 78: 185-196, 2001. 3. Lehto, M., Laitinen, S., Chinetti, G., Johansson, M., Ehnholm, C., Staels, B., Ikonen, E., Olkkonen, V. M. The OSBP-related protein family in humans. <i>J. Lipid Res.</i> 42: 1203-1213, 2001.</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.

Handling

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
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.