

Datasheet for ABIN7599339
anti-VPS36 antibody (AA 1-386)



[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	VPS36
Binding Specificity:	AA 1-386
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This VPS36 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Flow Cytometry (FACS)

Product Details

Purpose:	Anti-VPS36 Antibody Picoband®
Immunogen:	E.coli-derived human VPS36 recombinant protein (Position: M1-S386).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-VPS36 Antibody Picoband® (ABIN7599339). Tested in ELISA, Flow Cytometry, 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:	VPS36
Alternative Name:	VPS36 (VPS36 Products)
Background:	<p>Synonyms: Protein SOX-15, Protein SOX-12, Protein SOX-20, SOX15, SOX12, SOX20, SOX26, SOX27</p> <p>Tissue Specificity: Widely expressed in fetal and adult tissues examined, highest level found in fetal spinal cord and adult brain and testis.</p> <p>Background: Vacuolar protein-sorting-associated protein 36 is a protein that in humans is encoded by the VPS36 gene. This gene encodes a protein that is a subunit of the endosomal sorting complex required for transport II (ESCRT-II). This protein complex functions in sorting of ubiquitinated membrane proteins during endocytosis. A similar protein complex in rat is associated with RNA polymerase elongation factor II.</p>
Molecular Weight:	44 kDa
Gene ID:	51028

Application Details

Application Notes:	<p>Western blot, 0.25-0.5 µg/mL/mL, Human, Mouse, Rat</p> <p>Flow Cytometry (Fixed), 1-3 µg/mL/1x10⁶ cells, Human</p> <p>ELISA, 0.1-0.5 µg/mL/mL, Human</p> <p>1. Alam, S. L., Langelier, C., Whitby, F. G., Koirala, S., Robinson, H., Hill, C. P., Sundquist, W. I. Structural basis for ubiquitin recognition by the human ESCRT-II EAP45 GLUE domain. Nature Struct. Biol. 13: 1029-1030, 2006. 2. Kamura, T., Burian, D., Khalili, H., Schmidt, S. L., Sato, S., Liu, W.-J., Conrad, M. N., Conaway, R. C., Conaway, J. W., Shilatifard, A. Cloning and characterization of ELL-associated proteins EAP45 and EAP20: a role for yeast EAP-like proteins in regulation of gene expression by glucose. J. Biol. Chem. 276: 16528-16533, 2001. 3. Slagsvold, T., Aasland, R., Hirano, S., Bache, K. G., Raiborg, C., Trambaiolo, D., Wakatsuki, S., Stenmark, H. Eap45 in mammalian ESCRT-II binds ubiquitin via a phosphoinositide-interacting GLUE domain. J. Biol. Chem. 280: 19600-19606, 2005.</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.