

Datasheet for ABIN7599145  
**anti-SNX31 antibody (AA 1-243)**



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## Overview

Quantity:	100 µg
Target:	SNX31
Binding Specificity:	AA 1-243
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SNX31 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS)

## Product Details

Purpose:	Anti-SNX31 Antibody Picoband®
Immunogen:	E.coli-derived human SNX31 recombinant protein (Position: M1-Q243).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins
Characteristics:	Anti-SNX31 Antibody Picoband® (ABIN7599145). 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:	SNX31
Alternative Name:	SNX31 ( <a href="#">SNX31 Products</a> )
Background:	<p>Synonyms: RNA-binding protein 47,RNA-binding motif protein 47,RBM47,</p> <p>Tissue Specificity: Abundantly expressed in tonsil, lymph node, and trachea, strong expression in prostate, lower expression in thyroid, stomach, and colon. .</p> <p>Background: Predicted to enable phosphatidylinositol binding activity. Predicted to be involved in intracellular protein transport. Predicted to be located in cytoskeleton. Predicted to be part of protein-containing complex. Predicted to be active in early endosome.</p>
Molecular Weight:	51 kDa
Gene ID:	169166
UniProt:	<a href="#">Q8N9S9</a>

## Application Details

Application Notes:	<p>Western blot, 0.25-0.5 µg/mL, Human</p> <p>Flow Cytometry (Fixed), 1-3 µg/1x10<sup>6</sup> cells, Human</p> <p>ELISA, 0.1-0.5 µg/mL, -</p> <p>1. Stumpf, A. M. Personal Communication. Baltimore, Md. 04/15/2022. 2. Tseng, H.-Y., Thoraus, N., Ziegler, T., Meves, A., Fassler, R., Bottcher, R. T. Sorting nexin 31 binds multiple beta integrin cytoplasmic domains and regulates beta-1 integrin surface levels and stability. J. Molec. Biol. 426: 3180-3194, 2014. 3. Vieira, N., Deng, F.-M., Liang, F.-X., Liao, Y., Chang, J., Zhou, G., Zheng, W., Simon, J.-P., Ding, M., Wu, X.-R., Romih, R., Kreibich, G., Sun, T.-T. SNX31: a novel sorting nexin associated with the uroplakin-degrading multivesicular bodies in terminally differentiated urothelial cells. PLoS One 9: e99644, 2014.</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 <sub>2</sub> HPO <sub>4</sub> .
Storage:	4 °C, -20 °C

## Handling

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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.