

Datasheet for ABIN7601302  
**anti-SFXN3 antibody (AA 32-321)**



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## Overview

Quantity:	100 µg
Target:	SFXN3
Binding Specificity:	AA 32-321
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SFXN3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF), Flow Cytometry (FACS)

## Product Details

Purpose:	Anti-SFXN3 Antibody Picoband®
Immunogen:	E.coli-derived human SFXN3 recombinant protein (Position: D32-L321).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-SFXN3 Antibody Picoband® (ABIN7601302). Tested in ELISA, Flow Cytometry, IF, IHC, 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:	SFXN3
Alternative Name:	SFXN3 ( <a href="#">SFXN3 Products</a> )
Background:	<p>Synonyms: DAP3-binding cell death enhancer 1, Death ligand signal enhancer, DELE1, DELE, KIAA0141</p> <p>Tissue Specificity: Detected in liver, skeletal muscle, kidney, pancreas, spleen, thyroid, testis, ovary, small intestine and colon.</p> <p>Background: SFXN3, a mitochondrial membrane protein, is a member of sideroflexin family. Serum anti-SFXN3 autoantibody was elevated in early stage of the oral squamous cell carcinoma significantly, indicating its clinical value for diagnosis of oral squamous cell carcinoma.</p>
Molecular Weight:	36 kDa
Gene ID:	81855
Pathways:	<a href="#">Transition Metal Ion Homeostasis</a>

## Application Details

Application Notes:	<p>Western blot, 0.1-0.25 µg/mL, Human</p> <p>Immunohistochemistry(Paraffin-embedded Section), 2-5 µg/mL, Human</p> <p>Immunofluorescence, 5 µg/mL, Human</p> <p>Flow Cytometry (Fixed), 1-3 µg/1×10<sup>6</sup> cells, Human</p> <p>ELISA, 0.1-0.5 µg/mL, -</p> <p>1. Fleming, M. D., Campagna, D. R., Haslett, J. N., Trenor, C. C., III, Andrews, N. C. A mutation in a mitochondrial transmembrane protein is responsible for the pleiotropic hematological and skeletal phenotype of flexed-tail (f/f) mice. Genes Dev. 15: 652-657, 2001. 2. Hartz, P. A. Personal Communication. Baltimore, Md. 12/17/2013. 3. Kory, N., Wyant, G. A., Prakash, G., iut de Bos, J., Bottanelli, F., Pacold, M. E., Chan, S. H., Lewis, C. A., Wang, T., Keys, H. R., Guo, Y. E., Sabatini, D. M. SFXN1 is a mitochondrial serine transporter required for one-carbon metabolism. Science 362: eaat9528, 2018. Note: Electronic Article.</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

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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
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.