

Datasheet for ABIN7600537  
**anti-NSFL1C antibody (AA 20-291)**



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## Overview

Quantity:	100 µg
Target:	NSFL1C
Binding Specificity:	AA 20-291
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NSFL1C antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), ELISA, Flow Cytometry (FACS), Immunocytochemistry (ICC)

## Product Details

Purpose:	Anti-NSFL1C Antibody Picoband®
Immunogen:	E.coli-derived human NSFL1C recombinant protein (Position: E20-E291).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-NSFL1C Antibody Picoband® (ABIN7600537). Tested in ELISA, IF, ICC, WB, Flow Cytometry 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:	NSFL1C
Alternative Name:	NSFL1C ( <a href="#">NSFL1C Products</a> )
Background:	<p>Synonyms: SRC kinase signaling inhibitor 1, SNAP-25-interacting protein, SNIP, p130Cas-associated protein, p140Cap, SRCIN1, KIAA1684, P140</p> <p>Tissue Specificity: Expressed in some primary breast carcinomas where its presence is significantly associated with increased tumor size. Not detected in normal breast tissue.</p> <p>Background: NSFL1 cofactor p47 is a protein that in humans is encoded by the NSFL1C gene. N-ethylmaleimide-sensitive factor (NSF) and valosin-containing protein (p97) are two ATPases known to be involved in transport vesicle/target membrane fusion and fusions between membrane compartments. A trimer of the protein encoded by this gene binds a hexamer of cytosolic p97 and is required for p97-mediated regrowth of Golgi cisternae from mitotic Golgi fragments. Alternative splicing results in multiple transcript variants. A related pseudogene has been identified on chromosome 8.</p>
Molecular Weight:	41 kDa
Gene ID:	55968

## Application Details

Application Notes:	<p>Western blot, 0.25-0.5 µg/mL, Human, Mouse, Rat</p> <p>Immunocytochemistry/Immunofluorescence, 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. Kondo, H., Rabouille, C., Newman, R., Levine, T. P., Pappin, D., Freemont, P., Warren, G. p47 is a cofactor for p97-mediated membrane fusion. Nature 388: 75-78, 1997. 2. Zhang, Q.-H., Ye, M., Wu, X.-Y., Ren, S.-X., Zhao, M., Zhao, C.-J., Fu, G., Shen, Y., Fan, H.-Y., Lu, G., Zhong, M., Xu, X.-R., and 9 others. Cloning and functional analysis of cDNAs with open reading frames for 300 previously undefined genes expressed in CD34+ hematopoietic stem/progenitor cells. Genome Res. 10: 1546-1560, 2000.</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.