

Datasheet for ABIN7151079

anti-NEDD4-2 antibody (AA 289-494) (Biotin)[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	NEDD4-2 (NEDD4L)
Binding Specificity:	AA 289-494
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NEDD4-2 antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human E3 ubiquitin-protein ligase NEDD4-like protein (289-494AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	NEDD4-2 (NEDD4L)
Alternative Name:	NEDD4L (NEDD4L Products)
Background:	Background: E3 ubiquitin-protein ligase which accepts ubiquitin from an E2 ubiquitin-conjugating enzyme in the form of a thioester and then directly transfers the ubiquitin to

Target Details

targeted substrates. Inhibits TGF-beta signaling by triggering SMAD2 and TGFBR1 ubiquitination and proteasome-dependent degradation. Promotes ubiquitination and internalization of various plasma membrane channels such as ENaC, Nav1.2, Nav1.3, Nav1.5, Nav1.7, Nav1.8, Kv1.3, KCNH2, EAAT1 or CLC5 (PubMed:26363003). Promotes ubiquitination and degradation of SGK1 and TNK2. Ubiquitinates BRAT1 and this ubiquitination is enhanced in the presence of NDFIP1 (PubMed:25631046). Plays a role in dendrite formation by melanocytes (PubMed:23999003). Involved in the regulation of TOR signaling (PubMed:27694961).

Aliases: E3 ubiquitin protein ligase NEDD4 like protein antibody, E3 ubiquitin-protein ligase NEDD4-like antibody, KIAA0439 antibody, NED4L_HUMAN antibody, NEDD4 2 antibody, NEDD4 2c antibody, Ned4-2 antibody, NEDD4-2a antibody, NEDD4.2 antibody, NEDD4b antibody, NEDD4L antibody, NEDD4La antibody, NEDD4Lb antibody, NEDD4Lc antibody, NEDD4Ld antibody, NEDD4Le antibody, NEDD4Lf antibody, NEDD4Lg antibody, NEDD4Lh antibody, NEDL3 antibody, Neural precursor cell expressed developmentally down regulated 4 like E3 ubiquitin protein ligase antibody, Neural precursor cell expressed, developmentally down regulated 4 like antibody, RSP5 antibody, Ubiquitin protein ligase Rsp5 antibody

UniProt: [Q96PU5](#)

Pathways: [Negative Regulation of Transporter Activity](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.