

NEURL3 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP13218b

Product Information

Application	WB, E
Primary Accession	Q96EH8
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB32997
Calculated MW	28789
Antigen Region	234-262

Additional Information

Gene ID	93082
Other Names	E3 ubiquitin-protein ligase NEURL3, 632-, Lung-inducible neuralized-related C3CH4 RING domain protein, Neuralized-like protein 3, NEURL3, LINCR
Target/Specificity	This NEURL3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 234-262 amino acids from the C-terminal region of human NEURL3.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	NEURL3 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	NEURL3
Synonyms	LINCR
Function	E3 ubiquitin-protein ligase that plays a role in various biological processes such as lung development or innate immunity (PubMed: 30111563). Seems to

utilize UBE2E1. Promotes innate antiviral response by catalyzing 'Lys-63'-linked ubiquitination of IRF7 (PubMed:[35792897](#)). Also inhibits hepatitis C virus assembly by directly binding to viral E1 envelope glycoprotein to disrupt its interaction with E2 (PubMed:[30111563](#)). Plays an essential role in TLR4-mediated activation of MAPK pathways by promoting 'Lys-48'-linked polyubiquitination of the phosphatase DUSP1/MKP1 (PubMed:[38667302](#)).

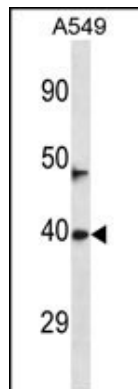
Cellular Location

Cytoplasm

Background

E3 ubiquitin-protein ligase. It seems to utilize UBE2E1. In vitro, generates polyubiquitin chains via non-canonical lysine residues suggesting that it is not involved in tagging substrates for proteosomal degradation (By similarity).

Images



NEURL3 Antibody (C-term) (Cat. #AP13218b) western blot analysis in A549 cell line lysates (35ug/lane). This demonstrates the NEURL3 antibody detected the NEURL3 protein (arrow).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.