

KB521

For research use only

Anti Human NEDD4L Polyclonal Antibody

Code No. KB521
Target NEDD4L
Category Enzyme
Gene ID 23327
Primary Source HGNC:7728
Synonyms RSP5; NEDD4-2; FLJ33870; KIAA0439; hNedd4-2; NEDD4L

Type Polyclonal Antibody
Immunogen Recombinant protein of full length Human NEDD4L

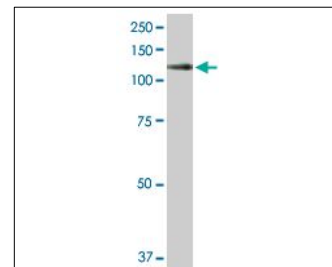
Raised in Mouse
Myeloma -
Clone number -
Purification Protein A purified
Source Mouse Serum
Isotype -
Cross Reactivity -
Label Unlabeled
Concentration 0.46 mg/mL
Contents (Volume) 50 µg
Buffer PBS, pH 7.2

Storage Store at - 20 °C long term, store at 4 °C short term. Avoid repeated freeze-thaw cycles.

Application WB

ELISA	WB	IHC	ICC
-	1.0	-	-
IP	FCM	IF	Neutralization
-	-	-	-

(µg/mL)



[WB] NEDD4L transfected 293T cell lysate

Reference

- Chen H., et al. "NEDD4L on human chromosome 18q21 has multiple forms of transcripts and is a homologue of the mouse Nedd4-2 gene." Eur. J. Hum. Genet. 9:922-930(2001)
- Malbert-Colas L., et al. "Identification of new partners of the epithelial sodium channel alpha subunit." C. R. Biol. 326:615-624(2003)
- Qi H., et al. "Androgens differentially regulate the expression of NEDD4L transcripts in LNCaP human prostate cancer cells." Mol. Cell. Endocrinol. 210:51-62(2003)

UniPlot Summary

//Function: 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 targeted substrates. Inhibits TGF-beta signaling by triggering SMAD2 and TGFR1 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, EAAT1 or CLC5. Promotes ubiquitination and degradation of SGK.

//Subcellular location: Cytoplasm.

//Tissue specificity: Ubiquitously expressed, with highest levels in prostate, pancreas and kidney.

//Sequence similarities: Contains 1 C2 domain. Contains 1 HECT (E6AP-type E3 ubiquitin-protein ligase) domain. Contains 4 WW domains.