

## NEDD4L Polyclonal Antibody

Catalog number: 13690-1-AP

Size: 20 µg/150 µl

Source: Rabbit

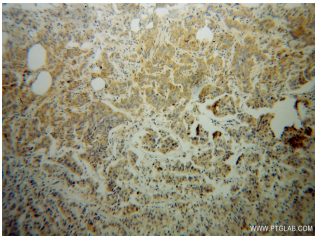
Isotype: IgG

Synonyms:

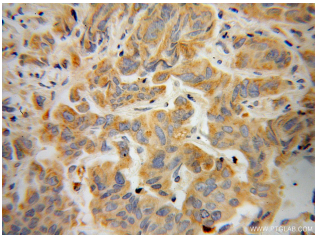
NEDD4L; FLJ33870, hNedd4 2,

KIAA0439, NEDD4 2, NEDD4.2,

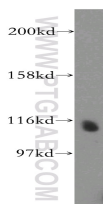
NEDD4L, NEDL3, RSP5



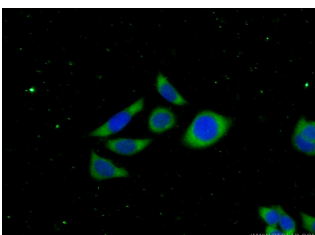
Immunohistochemical of paraffin-embedded human prostate cancer using 13690-1-AP (NEDD4L antibody) at dilution of 1:100 (under 10x lens)



Immunohistochemical of paraffin-embedded human prostate cancer using 13690-1-AP (NEDD4L antibody) at dilution of 1:100 (under 40x lens)



K-562 cells were subjected to SDS PAGE followed by western blot with 13690-1-AP (NEDD4L antibody) at dilution of 1:500



Immunofluorescent analysis of ( -20 Ethanol ) fixed PC-3

### Background

NEDD4L (E3 ubiquitin-protein ligase NEDD4-like) is also named as KIAA0439, NEDL3, Nedd4-2. It accepts ubiquitin from an E2 ubiquitin-conjugating enzyme in the form of a thioester and then directly transfers the ubiquitin to targeted substrates and is the principal ubiquitin ligase that selectively targets activated SMAD2 and SMAD3 for destruction (PMID:19917253). Nedd4L binds the PY motif of ENaC COOH terminals and catalyzes ubiquitination of the NH2 terminus of the protein for subsequent degradation (PMID:18268134). It has 9 isoforms produced by alternative splicing. This antibody can recognize NEDD4-1 and NEDD4-2.

### Applications

Tested applications:	ELISA, WB, IHC, IF
Cited applications:	IF, IHC, IP, WB
Species specificity:	Human, Mouse, Rat; other species not tested.
Cited species:	Human, mouse
Calculated NEDD4L MW:	854aa, 96 kDa
Observed NEDD4L MW:	112 kDa, 125 kDa
Positive WB detected in	K-562 cells, C6 cells, HT-1080 cells, PC-3 cells
Positive IHC detected in	Human prostate cancer tissue, human prostate hyperplasia tissue, human stomach cancer tissue
Positive IF detected in	PC-3 cells
Recommended dilution:	WB: 1:500-1:5000 IHC: 1:20-1:200 IF: 1:20-1:200

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

### Immunogen information

Immunogen:	Ag4565
GenBank accession number:	BC032597
Gene ID (NCBI):	23327
Full name:	Neural precursor cell expressed, developmentally down-regulated 4-like

### Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3. Store at -20°C.

cells using 13690-1-AP (NEDD4L Antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)