



# NEDL2 Polyclonal Antibody

|                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog No</b>                  | YP-Ab-04035                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Isotype</b>                     | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Reactivity</b>                  | Human;Rat;Mouse;                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Applications</b>                | WB;ELISA                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Gene Name</b>                   | HECW2                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Immunogen</b>                   | The antiserum was produced against synthesized peptide derived from human HECW2. AA range:481-530                                                                                                                                                                                                                                                                                                                                                               |
| <b>Specificity</b>                 | NEDL2 Polyclonal Antibody detects endogenous levels of NEDL2 protein.                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Formulation</b>                 | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Source</b>                      | Polyclonal, Rabbit,IgG                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Purification</b>                | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                                                                                                                                                                                                                                                                                                                                           |
| <b>Dilution</b>                    | Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Concentration</b>               | 1 mg/ml                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Purity</b>                      | ≥90%                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Storage Stability</b>           | -20°C/1 year                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Synonyms</b>                    | E3 ubiquitin-protein ligase HECW2;EC:2.3.2.26;HECT;C2 and WW domain-containing protein 2;NEDL2;HECW2;KIAA1301;NEDD4-like E3 ubiquitin-protein ligase 2                                                                                                                                                                                                                                                                                                          |
| <b>Observed Band</b>               | 140-150kD                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Calculated Molecular Weight</b> | 140-150kD                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Cell Pathway</b>                | Cytoplasm . Cytoplasm, cytoskeleton, spindle .                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Tissue Specificity</b>          | Predominantly expressed in adult brain, lung and heart.                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Function</b>                    | function:E3 ubiquitin-protein ligase that mediates ubiquitination of TP73. Acts to stabilize TP73 and enhance activation of transcription by TP73.,pathway:Protein modification; protein ubiquitination.,similarity:Contains 1 C2 domain.,similarity:Contains 1 HECT (E6AP-type E3 ubiquitin-protein ligase) domain.,similarity:Contains 2 WW domains.,subunit:Interacts with TP73.,tissue specificity:Predominantly expressed in adult brain, lung and heart., |



## Background

function: E3 ubiquitin-protein ligase that mediates ubiquitination of TP73. Acts to stabilize TP73 and enhance activation of transcription by TP73., pathway: Protein modification; protein ubiquitination., similarity: Contains 1 C2 domain., similarity: Contains 1 HECT (E6AP-type E3 ubiquitin-protein ligase) domain., similarity: Contains 2 WW domains., subunit: Interacts with TP73., tissue specificity: Predominantly expressed in adult brain, lung and heart.,

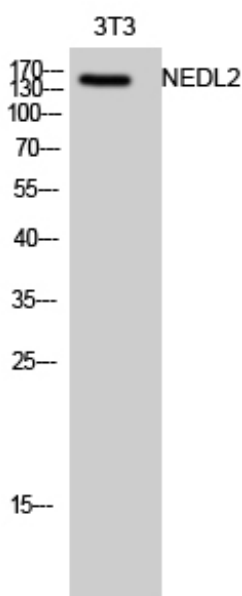
## matters needing attention

Avoid repeated freezing and thawing!

## Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images



Western Blot analysis of 3T3 cells using NEDL2 Polyclonal Antibody diluted at 1:1000

Western blot analysis of lysates from LOVO and HepG2 cells, using HECW2 Antibody. The lane on the right is blocked with the synthesized peptide.