

**Anti-NEDD4 antibody (160-460) (STJ24729)**  
STJ24729

**GENERAL INFORMATION**

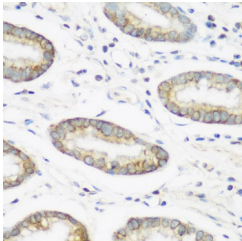
|                          |                    |
|--------------------------|--------------------|
| <b>Product Type</b>      | Primary antibodies |
| <b>Short Description</b> |                    |
| <b>Applications</b>      | WB/IHC-P/ELISA     |
| <b>Host/Source</b>       | Rabbit             |
| <b>Reactivity</b>        | Human              |

**PRODUCT PROPERTIES**

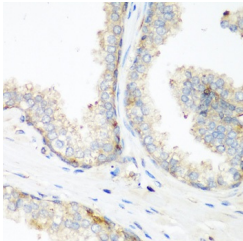
|                            |                                                                                                                                                         |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Clonality</b>           | Polyclonal                                                                                                                                              |
| <b>Clone ID</b>            |                                                                                                                                                         |
| <b>Concentration</b>       | Lot specific                                                                                                                                            |
| <b>Conjugation</b>         | Unconjugated                                                                                                                                            |
| <b>Purification</b>        | Affinity purification                                                                                                                                   |
| <b>Dilution</b>            | WB: 1:500-1:2000                                                                                                                                        |
| <b>Range</b>               | IHC-P: 1:50-1:200<br>ELISA: Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. |
| <b>Formulation</b>         | PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.                                                                                                      |
| <b>Isotype</b>             | IgG                                                                                                                                                     |
| <b>Storage Instruction</b> | Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.                                                          |

**TARGET INFORMATION**

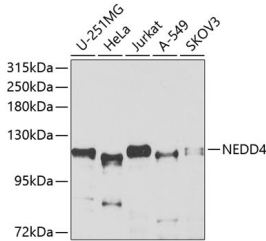
|                           |                                                                                                                                                                                                                                                                  |
|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene ID</b>            | 4734                                                                                                                                                                                                                                                             |
| <b>Gene Symbol</b>        | NEDD4                                                                                                                                                                                                                                                            |
| <b>Uniprot ID</b>         | NEDD4_HUMAN                                                                                                                                                                                                                                                      |
| <b>Immunogen</b>          |                                                                                                                                                                                                                                                                  |
| <b>Immunogen Region</b>   | 160-460                                                                                                                                                                                                                                                          |
| <b>Specificity</b>        | Recombinant fusion protein containing a sequence corresponding to amino acids 160-460 of human NEDD4 (NP_940682.2).                                                                                                                                              |
| <b>Immunogen Sequence</b> | GSYSSNGSDFGSCASITSGG SYTNSVISDSSSYTFPPSDD TFLGGNLPSDSTSNRSVPMR NTTPEIFSRSTSTDPFVQD<br>DLEHGLEIMKLPVSRNTKIP LKRYSSLVIFPRSPSTTRPT SPTSLCTLLSKGSYQTS HQF IISPSEIAHNEDGTS AKGFL<br>STAVNGLRLSKTICTPGEVR DIRPLHRKGLQKKIVLSNN TPRQTVCKSSSEGYSCVSVH FTQRKAATLDCETTNGDCK |



Immunohistochemistry analysis of paraffin-embedded human gastric using NEDD4 antibody (STJ24729) at dilution of 1:200 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of paraffin-embedded human prostate using NEDD4 antibody (STJ24729) at dilution of 1:200 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Western blot analysis of extracts of various cell lines, using NEDD4 antibody (STJ24729) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJ5000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 30s.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.  
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