

## Human NEDD4-Like E3 Ubiquitin-Protein Ligase WWP2 (WWP2) ELISA Kit | WWP2 elisa kit

Human NEDD4-Like E3 Ubiquitin-Protein Ligase WWP2 (WWP2) ELISA Kit

CATALOG #  
**AAA330246**

REACTIVITY  
**Human**

### PRODUCT SYNONYMS

NEDD4-Like E3 Ubiquitin-Protein Ligase WWP2 (WWP2); Human NEDD4-Like E3 Ubiquitin-Protein Ligase WWP2 (WWP2) ELISA Kit; WWP2; AIP2; WWp2-like; Nedd-4-like ubiquitin-protein ligase; OTTHUMP00000174895; WW domain-containing protein 2; atrophin-1 interacting protein 2; WWP2 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
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| Reactivity              | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Specificity             | Human NEDD4-like E3 ubiquitin-protein ligase WWP2 (WWP2) ELISA Kit has high sensitivity and excellent specificity for detection of Human WWP2. No significant cross-reactivity or interference between Human WWP2 and analogues was observed.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Sequence Length         | 870                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Assay Type              | Sandwich ELISA (Quantitative)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Samples                 | Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Detection Method        | Colorimetric                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Usage Notes             | <ul style="list-style-type: none"> <li>* Do not mix components from different kit lots or use reagents beyond the kit expiration date.</li> <li>* Allow all reagents to warm to room temperature for at least 30 minutes before opening.</li> <li>* Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination.</li> <li>* Unused wells must be kept desiccated at 4 degree C in the sealed bag provided.</li> <li>* Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes.</li> <li>* It is recommended that all samples and standards be assayed in duplicate or triplicate.</li> </ul> |
| Preparation and Storage | Store at 2-8 degree C.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

### IMAGES



Standard Curve (Sample)

Fig.1. Human NEDD4-like E3 ubiquitin-protein ligase WWP2 (WWP2) Standard Curve.

ADDITIONAL INFORMATION

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| Related Product Information for WWP2 elisa kit | <p>Description: This Human NEDD4-like E3 ubiquitin-protein ligase WWP2 (WWP2) ELISA Kit employs a two-site sandwich ELISA to quantitate WWP2 in samples. An antibody specific for WWP2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any WWP2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for WWP2 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of WWP2 bound in the initial step. The color development is stopped and the intensity of the color is measured.</p> <p>Background: WWP2 encodes a member of the NEDD4-like protein family. The family of proteins is known to possess ubiquitin-protein ligase activity. The encoded protein contains 4 tandem WW domains. The WW domain is a protein motif consisting of 35 to 40 amino acids and is characterized by 4 conserved aromatic residues. The WW domain may mediate specific protein-protein interactions. Three alternatively spliced transcript variants encoding distinct isoforms have been found for this gene.The deduced 870-amino acid protein has a calculated molecular mass of 98.7 kD and shares 96% identity with human WWP2. Northern blot analysis detected 2 Wwp2 transcripts, with highest expression in testis, followed by spleen, kidney, and liver.</p> |
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NCBI AND UNIPROT INFORMATION

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|----------------------------------|----------------------------------------------------|
| NCBI GI #                        | 32171765                                           |
| NCBI GeneID                      | 11060                                              |
| UniProt Accession #              | O00308                                             |
| NCBI Official Full Name          | NEDD4-like E3 ubiquitin-protein ligase WWP2        |
| NCBI Official Synonym Full Names | WW domain containing E3 ubiquitin protein ligase 2 |
| NCBI Official Symbol             | WWP2                                               |
| NCBI Official Synonym Symbols    | AIP2; WWP2-like                                    |
| NCBI Protein Information         | NEDD4-like E3 ubiquitin-protein ligase WWP2        |
| UniProt Protein Name             | NEDD4-like E3 ubiquitin-protein ligase WWP2        |
| UniProt Gene Name                | WWP2                                               |
| UniProt Synonym Gene Names       | AIP2                                               |
| UniProt Entry Name               | WWP2_HUMAN                                         |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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