

**WWP2 Antibody (N-term)**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP21188a**

**Specification**

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**WWP2 Antibody (N-term) - Product Information**

Application	WB,E
Primary Accession	<a href="#">O00308</a>
Reactivity	Human
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Calculated MW	98912

**WWP2 Antibody (N-term) - Additional Information**

**Gene ID** 11060

**Other Names**

NEDD4-like E3 ubiquitin-protein ligase WWP2, 632-, Atrophin-1-interacting protein 2, AIP2, WW domain-containing protein 2, WWP2

**Target/Specificity**

This WWP2 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 218-252 amino acids from the N-terminal region of human WWP2.

**Dilution**

WB~~1:1000

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

WWP2 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**WWP2 Antibody (N-term) - Protein Information**

**Name** WWP2

**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. Polyubiquitinates POU5F1 by 'Lys-63'-linked conjugation and promotes it to proteasomal

degradation; in embryonic stem cells (ESCs) the ubiquitination is proposed to regulate POU5F1 protein level. Ubiquitinates EGR2 and promotes it to proteasomal degradation; in T- cells the ubiquitination inhibits activation-induced cell death. Ubiquitinates SLC11A2; the ubiquitination is enhanced by presence of NDFIP1 and NDFIP2. Ubiquitinates RPB1 and promotes it to proteasomal degradation.

**Cellular Location**

Nucleus

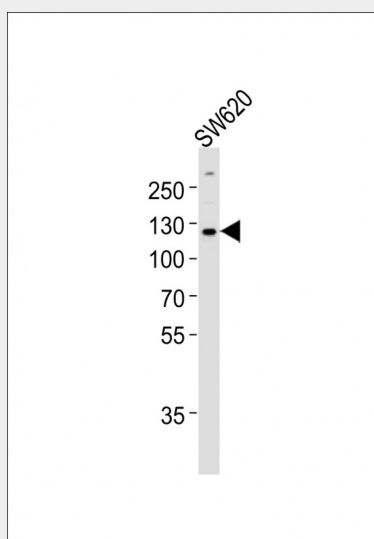
**Tissue Location**

Detected in heart, throughout the brain, placenta, lung, liver, muscle, kidney and pancreas. Also detected in spleen and peripheral blood leukocytes.

**WWP2 Antibody (N-term) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**WWP2 Antibody (N-term) - Images**

Anti-WWP2 Antibody (N-term) at 1:1000 dilution + SW620 whole cell lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 99 kDa Blocking/Dilution buffer: 5% NFDm/TBST.

**WWP2 Antibody (N-term) - Background**

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. Polyubiquitinates POU5F1 by 'Lys-63'-linked conjugation and promotes it to proteasomal degradation; in embryonic

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#### **WWP2 Antibody (N-term) - References**

Pirozzi G.,et al.J. Biol. Chem. 272:14611-14616(1997).  
Jiang G.Y.,et al.Submitted (SEP-2011) to the EMBL/GenBank/DDBJ databases.  
Ota T.,et al.Nat. Genet. 36:40-45(2004).  
Martin J.,et al.Nature 432:988-994(2004).  
Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.