

Product datasheet for **AP54576PU-N**

WWOX (C-term) Rabbit Polyclonal Antibody

Product data:

| | |
|-----------------------|--|
| Product Type: | Primary Antibodies |
| Applications: | WB |
| Recommended Dilution: | ELISA: 1:1;000. Western blot: 1:100~500. |
| Reactivity: | Human, Mouse |
| Host: | Rabbit |
| Isotype: | Ig |
| Clonality: | Polyclonal |
| Immunogen: | KLH conjugated synthetic peptide between 368-396 amino acids from the C-terminal region of human WWOX |
| Specificity: | This antibody detects WWOX / FOR (C-term). |
| Formulation: | PBS with 0.09% (W/V) sodium azide State: Aff - Purified State: Liquid Ig fraction |
| Concentration: | lot specific |
| Purification: | Protein A column followed by peptide affinity purification |
| Conjugation: | Unconjugated |
| Storage: | Store at 2 - 8 °C for up to six months or (in aliquots) at -20 °C for longer. Avoid repeated freezing and thawing. |
| Stability: | Shelf life: one year from despatch. |
| Gene Name: | WW domain containing oxidoreductase |
| Database Link: | Entrez Gene 80707 Mouse Entrez Gene 51741 Human Q9NZC7 |



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Background:

WW domain-containing proteins are found in all eukaryotes and play an important role in the regulation of a wide variety of cellular functions such as protein degradation, transcription, and RNA splicing. This gene encodes a protein which contains 2 WW domains and a short-chain dehydrogenase/reductase domain (SRD). The highest normal expression of this gene is detected in hormonally regulated tissues such as testis, ovary, and prostate. This expression pattern and the presence of an SRD domain suggest a role for this gene in steroid metabolism. The encoded protein is more than 90% identical to the mouse protein, which is an essential mediator of tumor necrosis factor-alpha-induced apoptosis, suggesting a similar, important role in apoptosis for the human protein. In addition, there is evidence that this gene behaves as a suppressor of tumor growth. Alternative splicing of this gene generates transcript variants that encode different isoforms.

Synonyms:

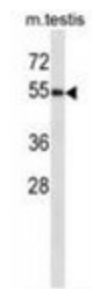
WOX1, WFOXv1, WFOXv8, WOX2, WFOXv2, WOX3, WFOXdelta6-8, WFOXv4, WFOXdelta5-8, WFOXv3, FOR II, FOR2, FOR I, FOR1, FOR III, FOR3, FOR IV

Note:

Molecular Weight: 46677 Da

Protein Families:

Druggable Genome

Product images:

WFOX Antibody (C-term) western blot analysis in mouse testis tissue lysates (35 ug/lane). This demonstrates the WFOX antibody detected the WFOX protein (arrow).