

Product datasheet for **AP20494PU-N**

WWOX Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	Western blot: 1/500 - 1/1000. Immunohistochemistry on paraffin sections 1/50 - 1/200. Immunofluorescence: 1/50 - 1/200.
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Specificity:	This antibody detects endogenous levels of WWOX protein. (region surrounding Ala7)
Formulation:	Phosphate buffered saline (PBS), pH 7.2. State: Aff - Purified State: Liquid purified Ig fraction Preservative: 0.05% sodium azide
Concentration:	1.0 mg/ml
Purification:	Affinity chromatography (> 95% (by SDS-PAGE)
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	~ 47 kDa
Gene Name:	WW domain containing oxidoreductase
Database Link:	Entrez Gene 80707 Mouse Entrez Gene 51741 Human Q9NZC7



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Background:

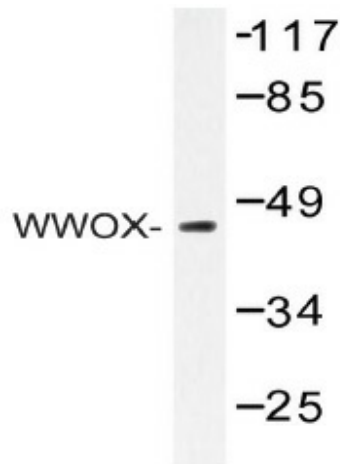
WFOX (WW domain containing oxidoreductase) protein is a candidate tumor suppressor consisting of two WW domains that influence protein-protein interactions, and a short chain dehydrogenase (SDR) domain, that influences sex-steroid metabolism. Modulation of the WFOX gene influences esophageal squamous cell carcinogenesis and tumorigenicity of breast cancer cell lines MDA-MB-435 and T47D. The murine homolog WOX1 localizes in the mitochondria and contains a mitochondrial targeting sequence mapping within the SDR domain. JNK1 can physically associate with WOX1 and sequester WOX1-dependent apoptosis.

Synonyms:

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

Protein Families:

Druggable Genome

Product images:

Western blot (WB) analysis of WFOX antibody (Cat.-No.: AP20494PU-N) in extracts from HepG2 cells.