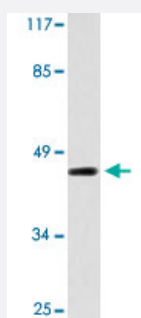


WWOX polyclonal antibody

Catalog # PAB26906 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of HepG2 cell lysate with WWOX polyclonal antibody (Cat # PAB26906).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of WWOX.
Immunogen	A synthetic peptide corresponding to human WWOX.
Host	Rabbit
Theoretical MW (kDa)	47
Reactivity	Human, Mouse
Specificity	WWOX polyclonal antibody detects endogenous levels of WWOX protein.
Form	Liquid
Purification	Affinity purification
Concentration	1 mg/mL
Recommend Usage	Western Blot (1:500-1:1000) Immunohistochemistry (1:50-1:200) Immunofluorescence (1:50-1:200) The optimal working dilution should be determined by the end user.

Storage Buffer	In PBS, pH 7.2 (0.05% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of HepG2 cell lysate with WWOX polyclonal antibody (Cat # PAB26906).

- Immunohistochemistry

- Immunofluorescence

Gene Info — WWOX

Entrez GeneID	51741
Protein Accession#	Q9NZC7
Gene Name	WWOX
Gene Alias	D16S432E, FOR, FRA16D, HHCMA56, PRO0128, SDR41C1, WOX1
Gene Description	WW domain containing oxidoreductase
Omim ID	133239 605131
Gene Ontology	Hyperlink
Gene Summary	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- α -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. [provided by RefSeq]

Other Designations

WW domain-containing oxidoreductase|WW domain-containing protein WWOX|fragile 16D oxidoreductase|fragile site FRA16D oxidoreductase|putative oxidoreductase|short chain dehydrogenase/reductase family 41C, member 1

Disease

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