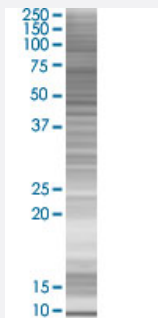


WWOX 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00051741-T01

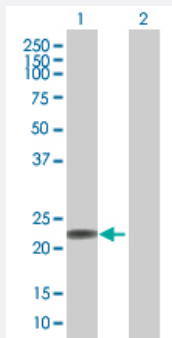
Size 100 uL

Applications



SDS-PAGE Gel

WWOX transfected lysate.



Western Blot

Lane 1: WWOX transfected lysate (21.6 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-WWOX full-length
Host	Human
Theoretical MW (kDa)	21.6
Interspecies Antigen Sequence	Mouse (93); Rat (94)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-WWOX antibody ([H00051741-B01](#)) by Western Blots.
SDS-PAGE Gel
WWOX transfected lysate.
Western Blot
Lane 1: WWOX transfected lysate (21.6 KDa)
Lane 2: Non-transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — WWOX

Entrez GeneID[51741](#)**GeneBank Accession#**[NM_130791.1](#)**Protein Accession#**[-](#)**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

- [Cardiovascular Diseases](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)
- [Ovarian Neoplasms](#)
- [Tobacco Use Disorder](#)
- [Ventricular Dysfunction](#)