

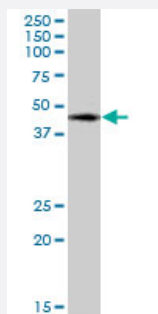
MaxPab®

WWOX purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00051741-B01P

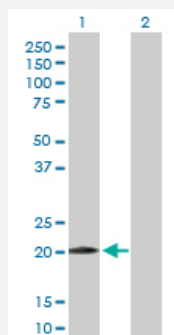
Size 50 ug

Applications



Western Blot (Cell lysate)

WWOX MaxPab polyclonal antibody. Western Blot analysis of WWOX expression in 293.



Western Blot (Transfected lysate)

Western Blot analysis of WWOX expression in transfected 293T cell line ([H00051741-T01](#)) by WWOX MaxPab polyclonal antibody.

Lane 1: WWOX transfected lysate(20.79 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human WWOX protein.
Immunogen	WWOX (NP_570607.1, 1 a.a. ~ 189 a.a) full-length human protein.
Sequence	MAALRYAGLDDTDSEDELPPGWEERTTKDGVVYANHTEEKTQWEHPKTGKRKRVAGDLPYG WEQETDENGQVFFVDHINKRTTYLDPRLAFTVDDNPTKPTTRQRYDGSTTAMEILQGRDFTGKVV VVTGANSIGIFETAKSFALHGAHVILACRNMARASEAVSRILEEWKTKYHPPPEKCRKIFH
Host	Mouse
Reactivity	Human

Interspecies Antigen Sequence	Mouse (93); Rat (94)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

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[Protocol Download](#)

Gene Info — WWOX

Entrez GeneID	51741
GeneBank Accession#	NM_130791.1
Protein Accession#	NP_570607.1
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

Publication Reference

- [Normal cells repel WWOX-negative or -dysfunctional cancer cells via WWOX cell surface epitope 286-299.](#)

Yu-An Chen, Yong-Da Sie, Tsung-Yun Liu, Hsiang-Ling Kuo, Pei-Yi Chou, Yu-Jie Chen, Kuan-Ting Lee, Pin-Jun Chen, Shur-Tzu Chen, Nan-Shan Chang.

Communications Biology 2021 Jun; 4(1):753.

Application: IP, WB-Ti, Mouse, Mouse liver, Mouse spleen

Disease

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