

产品名称: Phospho-WWOX (Tyr33) Rabbit Polyclonal Antibody

产品货号: APRab05635

产品概述 (Summary)

描述(Description)	Rabbit polyclonal Antibody
宿主(Host)	Rabbit
应用(Application)	WB,IHC,ICC/IF,ELISA
种属反应(Reactivity)	Human,Mouse
偶联物(Conjugation)	Unconjugated
修饰(Modification)	Phosphorylated
同种型(Isotype)	IgG
克隆(Clonality)	Polyclonal
剂型(Form)	Liquid
保存条件(Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液(Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化 (Purification)	Affinity purification

产品应用(Application)

稀释比(Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:5000-1:20000
分子量(Molecular Weight)	55kDa

抗原信息(Antigen Information)

基因名(Gene Name)	WWOX
别名(Alternative Names)	WWOX; FOR; WOX1; WW domain-containing oxidoreductase; Fragile site FRA16D oxidoreductase
基因 ID(Gene ID)	51741.0
SwissProt ID	Q96KM3
免疫原(Immunogen)	The antiserum was produced against synthesized peptide derived from human WWOX around the phosphorylation site of Tyr33. AA range:18-67

研究背景 (Background)

disease:Defects in WWOX may be involved in esophageal squamous cell carcinoma (ESCC) [MIM:133239]..disease:Defects in

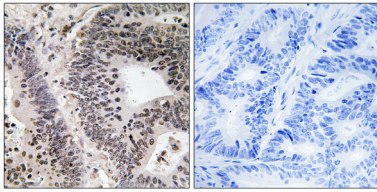
WWOX may be involved in several cancer types. The gene spans the second most common chromosomal fragile site (FRA16D) which is frequently altered in cancers. Alteration of the expression and expression of some isoforms is associated with cancers. However, it is still unclear if alteration of WWOX is directly implicated in cancerogenesis or if it corresponds to a secondary effect.,domain:The WW 1 domain mediates interaction with TP53, and probably TP73, TFAP2C, LITAF and WBP1.,function:Probable oxidoreductase, which acts as a tumor suppressor and plays a role in apoptosis. May function synergistically with TP53/p53 to control genotoxic stress-induced cell death. May also play a role in tumor necrosis factor (TNF)-mediated cell death.,PTM:Phosphorylated upon genotoxic stress. Phosphorylation of Tyr-33 regulates interaction with TP53, TP73 and MAPK8. May also regulate proapoptotic activity.,similarity:Belongs to the short-chain dehydrogenases/reductases (SDR) family.,similarity:Contains 2 WW domains.,subcellular location:Partially localizes to the mitochondria. Translocates to the nucleus upon genotoxic stress or TNF stimulation (By similarity). Isoform 5 and isoform 6 may localize in the nucleus.,subunit:Interacts with TP53, TP73/p73 and MAPK8. Interacts with MAPT/TAU (By similarity). Forms a ternary complex with TP53 and MDM2. Interacts with ERBB4, LITAF and WBP1. May interact with COTE1/C1orf2 and SCOTIN.,tissue specificity:Widely expressed. Strongly expressed in testis, prostate, and ovary. Overexpressed in cancer cell lines. Isoform 5 and isoform 6 may only be expressed in tumor cell lines.,disease:Defects in WWOX may be involved in esophageal squamous cell carcinoma (ESCC) [MIM:133239],disease:Defects in WWOX may be involved in several cancer types. The gene spans the second most common chromosomal fragile site (FRA16D) which is frequently altered in cancers. Alteration of the expression and expression of some isoforms is associated with cancers. However, it is still unclear if alteration of WWOX is directly implicated in cancerogenesis or if it corresponds to a secondary effect.,domain:The WW 1 domain mediates interaction with TP53, and probably TP73, TFAP2C, LITAF and WBP1.,function:Probable oxidoreductase, which acts as a tumor suppressor and plays a role in apoptosis. May function synergistically with TP53/p53 to control genotoxic stress-induced cell death. May also play a role in tumor necrosis factor (TNF)-mediated cell death.,PTM:Phosphorylated upon genotoxic stress. Phosphorylation of Tyr-33 regulates interaction with TP53, TP73 and MAPK8. May also regulate proapoptotic activity.,similarity:Belongs to the short-chain dehydrogenases/reductases (SDR) family.,similarity:Contains 2 WW domains.,subcellular location:Partially localizes to the mitochondria. Translocates to the nucleus upon genotoxic stress or TNF stimulation (By similarity). Isoform 5 and isoform 6 may localize in the nucleus.,subunit:Interacts with TP53, TP73/p73 and MAPK8. Interacts with MAPT/TAU (By similarity). Forms a ternary complex with TP53 and MDM2. Interacts with ERBB4, LITAF and WBP1. May interact with COTE1/C1orf2 and SCOTIN.,tissue specificity:Widely expressed. Strongly expressed in testis, prostate, and ovary. Overexpressed in cancer cell lines. Isoform 5 and isoform 6 may only be expressed in tumor cell lines.,

研究领域 (Research Area)

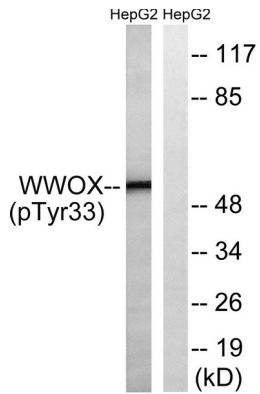
注意事项 (Note)

For research use only.

图片 (Image Data)



Immunohistochemistry analysis of paraffin-embedded human colon carcinoma, using WWOX (Phospho-Tyr33) Antibody. The picture on the right is blocked with the phospho peptide.



Western blot analysis of lysates from HepG2 cells treated with PMA 125ng/ml 30', using WWOX (Phospho-Tyr33) Antibody. The lane on the right is blocked with the phospho peptide.

EnkiLife 优势产品推荐

产品类别	产品货号	产品名称
WB 解决方案	RA10020	2h 极速 WB 即用型全流程试剂盒
	RA10021	4h 快速 WB 即用型全流程试剂盒
	RA10042	5h 畅享版 WB 全流程试剂盒
	RA10037	校准级彩色预染蛋白 Marker (8-180kDa)
	RA10038	校准级彩色预染蛋白 Marker (10-250kDa)
	RA10039	校准级高分子彩色预染蛋白 Marker (25-400kDa)
TSA 多重荧光染色试剂盒	RA10008	TSA 双标三色多重荧光染色试剂盒 (mIHC)
	RA10009	TSA 三标四色多重荧光染色试剂盒 (mIHC)
	RA10010	TSA 四标五色多重荧光染色试剂盒 (mIHC)
	RA10011	TSA 五标六色多重荧光染色试剂盒 (mIHC)
	RA10012	TSA 六标七色多重荧光染色试剂盒 (mIHC)
IHC 检测试剂盒	RA10006	HRP Anti-Mouse/Rabbit IHC Detection System
	RA10007	Polymer-HRP Anti-Mouse/Rabbit IHC Detection System
抗体标记试剂盒	RE80004p	辣根过氧化物酶(HRP)抗体标记试剂盒
	RE80002q	Sulfo-NHS-生物素标记试剂盒
	RE80007p	Cy3 荧光素标记试剂盒
	RE80011p	Fluor488 荧光素标记试剂盒
	RE80017p	Fluor750 荧光素标记试剂盒
	RE80005p	藻红蛋白(R-PE) 抗体快速标记试剂盒
	RE80040	PE-Cy7 串联染料抗体快速标记试剂盒
稳转细胞系构建服务 (免费赠送全膜 WB 验证)	TS-0001	过表达稳转细胞系构建
	TS-0002	敲低稳转细胞系构建
	TS-0003	敲除细胞系构建

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