产品名称：WWOX (phospho Tyr33) Rabbit Polyclonal Antibody
产品货号：APRab05635

产品概述（Summary）

产品名称（Production Name）	WWOX (phospho Tyr33) Rabbit Polyclonal Antibody
描述（Description）	Rabbit polyclonal Antibody
宿主（Host）	Rabbit
应用（Application）	WB,IHC,ICC/IF,ELISA
种属反应性（Reactivity）	Human,Mouse

产品性能（Performance）

偶联物（Conjugation）	Unconjugated
修饰（Modification）	Phosphorylated
同种型（Isotype）	IgG
克隆（Clonality）	Polyclonal
形式（Form）	Liquid
存放说明（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.
纯化方式（Purification）	Affinity purification

免疫原信息（Immunogen）

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
蛋白 ID（SwissProt ID）	Q96KM3.The antiserum was produced against synthesized peptide derived from human WWOX around the phosphorylation site of Tyr33. AA range:18-67

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
蛋白分子量（Molecular Weight）	55kDa

产品名称：WWOX (phospho Tyr33) Rabbit Polyclonal Antibody
产品货号：APRab05635

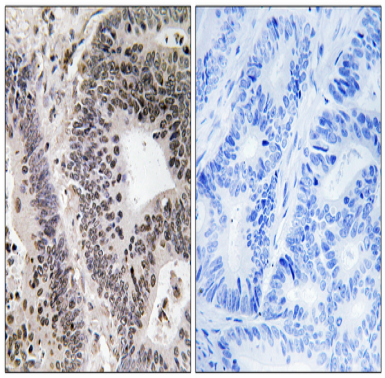
研究背景（Background）

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.,

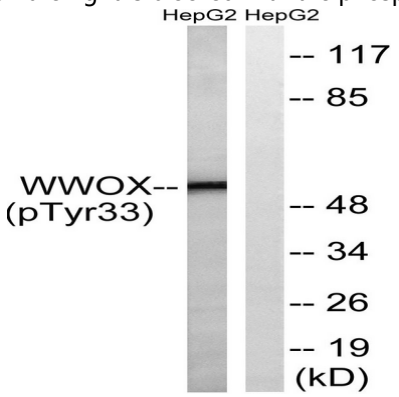
研究领域（Research Area）

产品名称：WWOX (phospho Tyr33) Rabbit Polyclonal Antibody
产品货号：APRab05635

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.

注意事项（Note）

For research use only .