


Anti-WWOX (phospho Y33) antibody ab129881

2 图像

概述	
产品名称	Anti-WWOX (phospho Y33)抗体
描述	兔多克隆抗体to WWOX (phospho Y33)
宿主	Rabbit
经测试应用	适用于: WB, IHC-P
种属反应性	与反应: Human 预测可用于: Mouse 
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
阳性对照	Human colon carcinoma tissue; HepG2 cell extracts.
常规说明	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>
性能	
形式	Liquid
存放说明	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
存储溶液	pH: 7 Preservative: 0.02% Sodium azide Constituents: 50% Glycerol (glycerin, glycerine), 49% PBS, 0.88% Sodium chloride
纯度	PBS (without Mg2+ and Ca2+)
纯化说明	Immunogen affinity purified ab129881 is affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
克隆	多克隆

同种型

IgG

应用

The Abpromise guarantee

Abpromise™承诺保证使用ab129881于以下的经测试应用

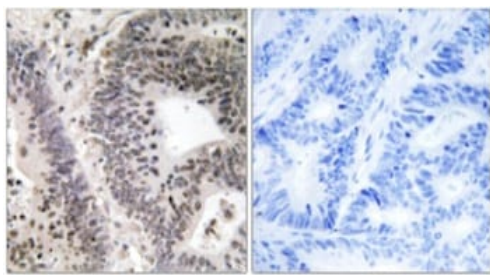
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		1/500 - 1/1000. Predicted molecular weight: 47 kDa.
IHC-P		1/50 - 1/100.

靶标

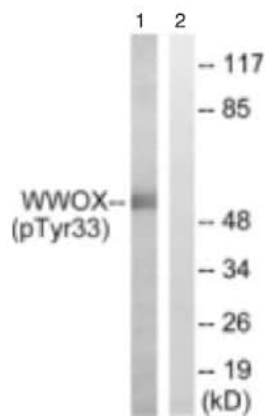
功能	Putative oxidoreductase. Acts as a tumor suppressor and plays a role in apoptosis. Required for normal bone development (By similarity). May function synergistically with p53/TP53 to control genotoxic stress-induced cell death. Plays a role in TGFB1 signaling and TGFB1-mediated cell death. May also play a role in tumor necrosis factor (TNF)-mediated cell death. Inhibits Wnt signaling, probably by sequestering DVL2 in the cytoplasm.
组织特异性	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.
疾病相关	Note=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. Defects in WWOX may be a cause of esophageal cancer (ESCR) [MIM:133239].
序列相似性	Belongs to the short-chain dehydrogenases/reductases (SDR) family. Contains 2 WW domains.
结构域	The WW 1 domain mediates interaction with TP53, and probably TP73, TFAP2C, LITAF and WBP1.
翻译后修饰	Phosphorylated upon genotoxic stress. Phosphorylation of Tyr-33 regulates interaction with TP53, TP73 and MAPK8. May also regulate proapoptotic activity. Phosphorylation by TNK2 is associated with polyubiquitination and degradation. Ubiquitinated when phosphorylated by TNK2, leading to its degradation.
细胞定位	Cytoplasm. Nucleus. Mitochondrion. Golgi apparatus. Partially localizes to the mitochondria. Translocates to the nucleus upon genotoxic stress or TNF stimulation (By similarity). Translocates to the nucleus in response to TGFB1. Isoform 5 and isoform 6 may localize in the nucleus.

图片



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-WWOX (phospho Y33) antibody (ab129881)

ab129881, at 1/50 dilution, staining WWOX in paraffin-embedded Human colon carcinoma tissue by Immunohistochemistry, in the absence (left) and presence (right) of the phosphopeptide.



Western blot - Anti-WWOX (phospho Y33) antibody (ab129881)

All lanes : Anti-WWOX (phospho Y33) antibody (ab129881) at 1/500 dilution

Lane 1 : HepG2 cell extract, treated with PMA

Lane 2 : HepG2 cell extract, treated with PMA with synthesized Phosphopeptide

Predicted band size: 47 kDa

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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