

Product datasheet

Anti-WWOX3 antibody ab123722

画像数 1

製品の概要

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|--------------|---|
| 製品名 | Anti-WWOX3 antibody |
| 製品の詳細 | Rabbit polyclonal to WWOX3 |
| 由来種 | Rabbit |
| アプリケーション | 適用あり: WB |
| 種交差性 | 交差種: Mouse 交差が予測される動物種: Human  |
| 免疫原 | Synthetic peptide conjugated to KLH, corresponding to a region within C-terminal amino acids 368-396 of Human WWOX3 (Q9NZC7, NP_057457.1, NP_570607.1). |
| ポジティブ・コントロール | Mouse testis tissue lysate |

製品の特性

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|-----------|---|
| 製品の状態 | Liquid |
| 保存方法 | Shipped at 4°C. Store at 4°C (up to 6 months). Store at -20°C long term. |
| バッファー | Preservative: 0.09% Sodium azide Constituent: 99% PBS |
| 精製度 | Immunogen affinity purified |
| 特記事項 (精製) | Purified through a Protein A column, followed by peptide affinity purification. |
| ポリ/モノ | ポリクローナル |
| アイソタイプ | IgG |

アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab123722** in the following tested applications.

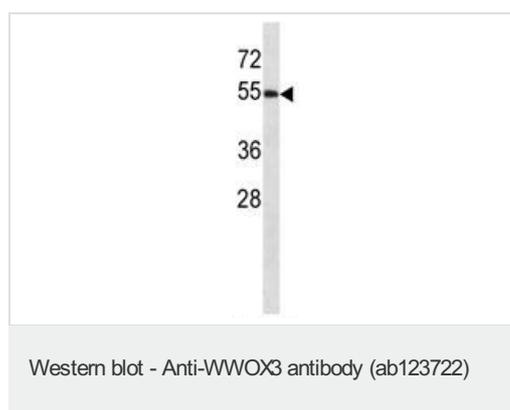
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| アプリケーション | Abreviews | 特記事項 |
|----------|-----------|--|
| WB | | 1/100 - 1/500. Predicted molecular weight: 47 kDa. |

ターゲット情報

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|-------|--|
| 機能 | 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. |
| 組織特異性 | 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. |
| 関連疾患 | 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]. |
| 配列類似性 | Belongs to the short-chain dehydrogenases/reductases (SDR) family. Contains 2 WW domains. |
| ドメイン | The WW 1 domain mediates interaction with TP53, and probably TP73, TFAP2C, LITAF and WBP1. |
| 翻訳後修飾 | 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. |
| 細胞内局在 | 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. |

画像



Anti-WWOX3 antibody (ab123722) at 1/100 dilution + Mouse testis tissue lysate at 35 µg

Predicted band size: 47 kDa

Please note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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