



Anti-WWOX (WW domain-containing oxidoreductase) Polyclonal Antibody

Category: Polyclonal Antibody

Catalog #: AB1I111

Antigen Synonym: FOR, WOX1

Species Reactivity: Human, Mouse

Immunogen/Specificity:

Polyclonal antibody produced in rabbits immunizing with a synthetic peptide corresponding to N-terminal residues of human WWOX (WW domain-containing oxidoreductase)

Description: WWOX (WW domain-containing oxidoreductase) is a probable oxidoreductase, which acts as a tumor suppressor and plays a role in apoptosis. WWOX may function synergistically with TP53/p53 to control genotoxic stress-induced cell death. WWOX may also play a role in tumor necrosis factor (TNF)-mediated cell death. WWOX interacts with TP53, TP73/p73 and MAPK8. WWOX forms a ternary complex with TP53 and MDM2. WWOX is widely expressed and strongly expressed in testis, prostate, and ovary. Overexpressed in cancer cell lines. Defects in WWOX may be involved in several cancer types. Defects in WWOX may be involved in esophageal squamous cell carcinoma (ESCC)

Reference:

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Paige,A.J., et al, Proc. Natl. Acad. Sci. U.S.A. 98 (20), 11417-11422 (2001)
Watanabe,A., et al, Cancer Res. 63 (24), 8629-8633 (2003)
Chang, N.S., et al, J. Biol. Chem. 278 (11), 9195-9202 (2003)
Park,S.W., et al, Br. J. Cancer 91 (4), 753-759 (2004)
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