

Datasheet for ABIN6150272
anti-WWOX antibody (AA 1-120)



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2 Images

Overview

Quantity:	100 µL
Target:	WWOX
Binding Specificity:	AA 1-120
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This WWOX antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-120 of human WWOX (NP_057457.1).
Sequence:	MAALRYAGLD DTDSEDELPP GWEERTTKDG WVYYANHTEE KTQWEHPKTG KRKRVAGDLP YGWEQETDEN GQVFFVDHIN KRTTYLDPRL AFTVDDNPTK PTTRQRYDGS TTAMEILQGR
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Polyclonal Antibodies

Target Details

Target:	WWOX
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Target Details

Alternative Name: [WVVOX \(WVVOX Products\)](#)

Background: This gene encodes a member of the short-chain dehydrogenases/reductases (SDR) protein family. This gene spans the FRA16D common chromosomal fragile site and appears to function as a tumor suppressor gene. Expression of the encoded protein is able to induce apoptosis, while defects in this gene are associated with multiple types of cancer. Disruption of this gene is also associated with autosomal recessive spinocerebellar ataxia 12. Disruption of a similar gene in mouse results in impaired steroidogenesis, additionally suggesting a metabolic function for the protein. Alternative splicing results in multiple transcript variants.,WVVOX,D16S432E,EIEE28,FOR,FRA16D,HHCMA56,PRO0128,SCAR12,SDR41C1,WOX1,Epigenetics & Nuclear Signaling,Cancer,Tumor suppressors,p53 pathway,Cell Biology & Developmental Biology,Apoptosis,Growth factor,TNF,Neuroscience,Neurodegenerative Diseases,Amyloid Plaque and Neurofibrillary Tangle Formation in Alzheimer's Disease,WVVOX

Molecular Weight: 4 kDa/21 kDa/23 kDa/26 kDa/35 kDa/41 kDa/46 kDa

Gene ID: 51741

UniProt: [Q9NZC7](#)

Application Details

Application Notes: WB,1:1000 - 1:2000,IF,1:50 - 1:200

Comment: HIGH QUALITY

Restrictions: For Research Use only

Handling

Format: Liquid

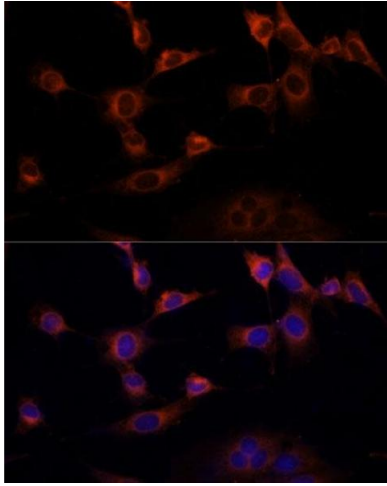
Buffer: PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

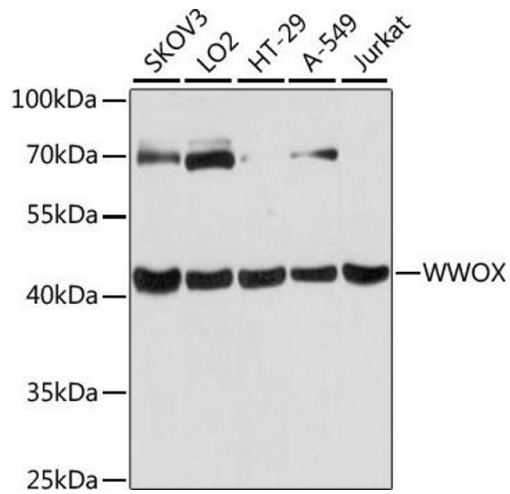
Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



Immunofluorescence

Image 1. Immunofluorescence analysis of NIH-3T3 cells using WWOX Polyclonal Antibody at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using WWOX antibody at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.