

Rabbit anti-Human, Rat WWOX Polyclonal Antibody | anti-WWOX antibody

WWOX Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA233911	Rabbit	Human, Rat	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

WWOX; Polyclonal Antibody; WWOX Antibody; WW domain-containing oxidoreductase; Fragile site FRA16D oxidoreductase; Short chain dehydrogenase/reductase family 41C member 1; FOR; SDR41C1; WOX1; anti-WWOX antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	301
Applicable Applications for anti-WWOX antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human WW domain-containing oxidoreductase protein (1-180AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of A549 cells with AAA233911 at 1:100, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).



IHC (Immunohistochemistry)

IHC image of AAA233911 diluted at 1:300 and staining in paraffin-embedded human placenta tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



IHC (Immunohistochemistry)

IHC image of AAA233911 diluted at 1:300 and staining in paraffin-embedded human testis tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



WB (Western Blot)

Western Blot Positive WB detected in: MCF-7 whole cell lysate, U87 whole cell lysate, HEK293 whole cell lysate, Rat kidney tissue All lanes: WWOX antibody at 3ug/ml Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 47, 42, 22, 5, 27 KDa Observed band size: 47 KDa

ADDITIONAL INFORMATION

Related Product Information for anti-WWOX antibody	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.
Product Categories/Family for anti-WWOX antibody	Epigenetics and Nuclear Signaling ; Neuroscience ; Cancer ; Cell biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	635172870
NCBI GeneID	51741
NCBI Accession #	NP_001278926.1
NCBI GenBank Nucleotide #	NM_001291997.1
UniProt Accession #	Q9NZC7 ; Q5MYT5 ; Q96KM3 ; Q96RF2 ; Q9BTT8 ; Q9NPC9 ; Q9NRF4 ; Q9NRF5 ; Q9NRF6 ; Q9NRK1 ; Q9NZC5 ; A8K323
Molecular Weight	23,868 Da
NCBI Official Full Name	WW domain-containing oxidoreductase isoform 4
NCBI Official Synonym Full Names	WW domain containing oxidoreductase
NCBI Official Symbol	WWOX
NCBI Official Synonym Symbols	FOR; WOX1; EIEE28; FRA16D; SCAR12; HHCMA56; PRO0128; SDR41C1; D16S432E
NCBI Protein Information	WW domain-containing oxidoreductase
UniProt Protein Name	WW domain-containing oxidoreductase
UniProt Gene Name	WWOX
UniProt Synonym Gene Names	FOR; SDR41C1; WOX1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/wwox-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/233911>