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

WWOX (Phospho-Tyr33) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA307761	**Rabbit**	**Human**	**Immunohistochemistry, Western Blot**

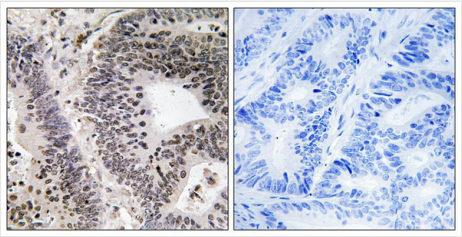
PRODUCT SYNONYMS

WWOX; Polyclonal Antibody; WWOX (Phospho-Tyr33) Antibody; FOR; WOX1; Aberrant WW domain-containing oxidoreductase; anti-WWOX antibody

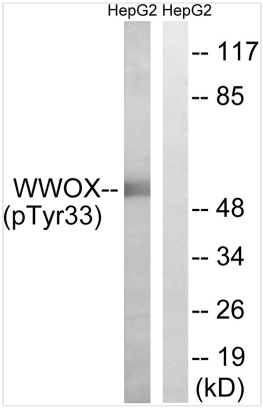
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of WWOX only when phosphorylated at tyrosine 33.
Purity/Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatogramphy usi
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	301
Applicable Applications for anti-WWOX antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of tyrosine 33 (W-V-Y(p)-Y-A) derived from Human WWOX.
Modification	Phospho-Tyr33
Target Name	WWOX
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



IHC (Immunohiostchemistry)
Immunohistochemical analysis of paraffin-embedded human colon carcinoma tissue using WWOX (Phospho-Tyr33) antibody (left)or the same antibody preincubated with blocking peptide (right).



WB (Western Blot)
Western blot analysis of extracts from HepG2 cells treated with PMA using WWOX (Phospho-Tyr33) Antibody.The lane on the right is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-WWOX antibody	WW domain-containing proteins are found in all eukaryotes and play an important role in the regulation of a wide variety of cellular functions such as protein degradation, transcription, and RNA splicing. This gene encodes a protein which contains 2 WW domains and a short-chain dehydrogenase/reductase domain (SRD). The highest normal expression of this gene is detected in hormonally regulated tissues such as testis, ovary, and prostate. This expression pattern and the presence of an SRD domain suggest a role for this gene in steroid metabolism. Bednarek A.K., Cancer Res. 60:2140-2145(2000).Ried K., Hum. Mol. Genet. 9:1651-1663(2000).Bednarek A.K., Cancer Res. 61:8068-8073(2001).
Product Categories/Family for anti-WWOX antibody	Phospho-specific Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	635172870
NCBI GeneID	51741
NCBI Accession #	NP_001278926.1
NCBI GenBank Nucleotide #	NM_001291997.1
UniProt Accession #	Q96KM3; Q5MYT5; Q96RF2; Q9BTT8; Q9NPC9; Q9NRF4; Q9NRF5; Q9NRF6; Q9NRK1; Q9NZC5; A8K323; Q9NZC7
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
UniProt Entry Name	WWOX_HUMAN

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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