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Datasheet for ABIN7138983
anti-WWOX antibody (pTyr33)

2 Images

Overview

Quantity:	100 µL
Target:	WWOX
Binding Specificity:	pTyr33
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This WWOX antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Peptide sequence around phosphorylation site of tyrosine 33 (W-V-Y(p)-Y-A) derived from Human WWOX.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
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 chromatography using

Target Details

Target:	WWOX
Alternative Name:	WWOX (WWOX Products)

Target Details

Background:	<p>Background:</p> <p>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.</p> <p>Bednarek A.K., Cancer Res. 60:2140-2145(2000).</p> <p>Ried K., Hum. Mol. Genet. 9:1651-1663(2000).</p> <p>Bednarek A.K., Cancer Res. 61:8068-8073(2001).</p> <p>Aliases: FOR, WOX1, Aberrant WW domain-containing oxidoreductase,</p>
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UniProt:	Q96KM3
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Application Details

Application Notes:	WB:1:500-1:1000, IHC:1:50-1:100,
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
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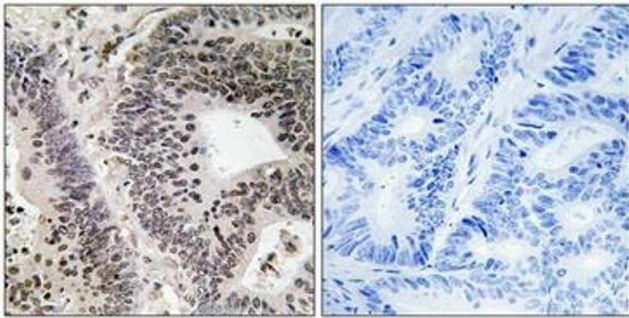
Buffer:	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
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Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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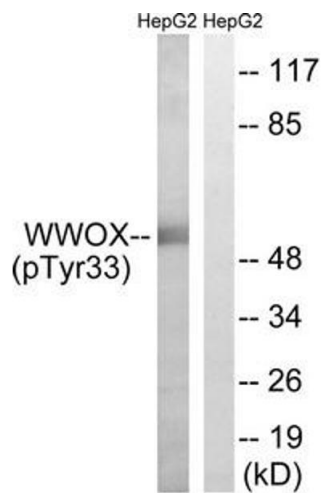
Storage:	-20 °C,-80 °C
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Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
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Immunohistochemistry

Image 1. Immunohistochemical analysis of paraffin-embedded human colon carcinoma tissue using WWOX (Phospho-Tyr33) antibody (left) or the same antibody preincubated with blocking peptide (right).



Western Blotting

Image 2. 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.