

# Product Datasheet

## WVOX Antibody NB200-178

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NB200-178**

## WWOX Antibody

<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	PBS
<b>Product Description</b>	
<b>Host</b>	Rabbit
<b>Gene ID</b>	51741
<b>Gene Symbol</b>	WWOX
<b>Species</b>	Human, Mouse
<b>Reactivity Notes</b>	Reacts with human, mouse, chimpanzee and orangutang.
<b>Specificity/Sensitivity</b>	WW domain-containing oxidoreductase
<b>Immunogen</b>	A synthetic peptide corresponding to residues 89-107 [RLAFTVDDNPTKPTTRQRY] of the human protein.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Immunoprecipitation
<b>Recommended Dilutions</b>	Western Blot 1:500-5000, Flow Cytometry 1:10-1:1000, Immunohistochemistry 1:100-1000, Immunocytochemistry/Immunofluorescence 1:1000, Immunoprecipitation 3ug / ml, Immunohistochemistry-Paraffin 1:100-1000, Immunohistochemistry-Frozen 1:100-1000

## Publications

Bendinelli P, Maroni P, Matteucci E, Desiderio MA. HGF and TGFB1 differently influenced Wwox regulatory function on Twist program for mesenchymal-epithelial transition in bone metastatic versus parental breast carcinoma cells Mol. Cancer. 2015-06-04 [PMID: 26041563] (IHC-P, Human)

### Details:

WWOX antibody (Imgenex: IMG-4187) was used at 1:200 dilution on sections from human bone metastasis and primary breast carcinoma [serial sections of pair-matched human specimens from primary-invasive ductal breast carcinoma (positive for oestrogen and progesterone receptors and negative for HER2) and from bone metastasis] (Fig. 7), as well as from bone metastasis and the bone marrow of the 1833 cells xenograft model (Figure S3).

Winardi W, Tsai CY, Chen WT et al. Reduced WWOX protein expression in human astrocytoma. Neuropathology 2013-12-01 [PMID: 23675860] (IHC-P, Human)

Li YP, Wu CC, Chen WT et al. The expression and significance of WWOX and B-catenin in hepatocellular carcinoma. APMIS. 2013-02-01 [PMID: 23030478]

Maeda N, Semba S, Nakayama S et al. Loss of WW domain-containing oxidoreductase expression in the progression and development of gastric carcinoma: clinical and histopathologic correlations. Virchows Arch. 2010-10-01 [PMID: 20737170] (IF, IHC-P, WB, Human)

### Details:

WB: Fig 1B (normal gastric mucosa and gastrocarcinoma (GC) cell lines, Fig 2B (GC), Fig 3A (Adenovirus-WWOX infected HSC-59 GC cells). IF: Fig 1C (GC cells). IHC (P): Fig 4A (GC human tumors and normal gastric mucosa), Table 1 (WWOX expression correlation)

Nakayama S, Semba S, Maeda N et al. Hypermethylation-mediated reduction of WWOX expression in intraductal papillary mucinous neoplasms of the pancreas. Br J Cancer. 2009-05-05 [PMID: 19352382] (IHC-P, Human)

### Details:

IHC (P): Human pancreatic tumor tissue (Figs 1 and 3; Tables I and II).





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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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