

Rabbit anti-Human, Mouse WNT6 Polyclonal Antibody | anti-WNT6 antibody

WNT6 Antibody

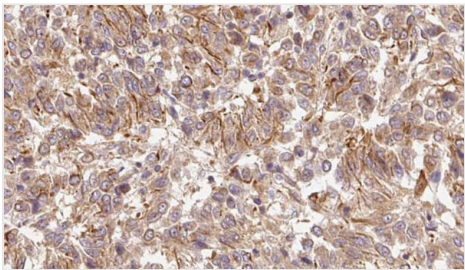
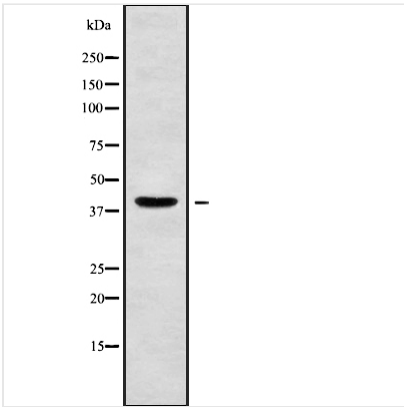
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA327772	Rabbit	Human, Mouse	ELISA, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

WNT6; Polyclonal Antibody; WNT6 Antibody; Protein Wnt 6; Protein Wnt-6; Protein Wnt-6 precursor; Wingless type MMTV integration site family; member 6; wnt 6; Wnt6; WNT6_HUMAN; anti-WNT6 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	WNT6 antibody detects endogenous levels of total WNT6
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	365
Applicable Applications for anti-WNT6 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human WNT6
Subcellular Location	Secreted > Extracellular Space > Extracellular Matrix.
Tissue Specificity	Expressed in gastric cancer cell lines and gastric cancer tissues (at protein level). Detected in the apical gland region of the gastric foveolar epithelium (at protein level).
Predicted Cross Reactivity	Pig, Bovine, Horse, Rabbit, Dog
Similarity	Pig (100%), Bovine (100%), Horse (100%), Rabbit (88%), Dog (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.



IHC (Immunohistochemistry)
AAA327772 at 1/100 staining Human Melanoma tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

WB (Western Blot)
Western blot analysis of WNT6 using COLO205 whole cell lysates

ADDITIONAL INFORMATION

Related Product Information for anti-WNT6 antibody	Function: Ligand for members of the frizzled family of seven transmembrane receptors. Probable developmental protein. May be a signaling molecule which affects the development of discrete regions of tissues. Is likely to signal over only few cell diameters. Together with CAV1 may promote chemoresistance of gastric cancer cells to DNA-damaging anthracycline drugs through the activation of the canonical Wnt receptor signaling pathway. Subunit Structure: Interacts with PORCN. Post-translational Modifications: Palmitoleoylation is required for efficient binding to frizzled receptors. Depalmitoleoylation leads to Wnt signaling pathway inhibition. Similarity: Belongs to the Wnt family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	16507239
NCBI GeneID	7475
NCBI Accession #	NP_006513.1
NCBI GenBank Nucleotide #	NM_006522.3
UniProt Accession #	Q9Y6F9; Q9H1J6; Q9H238
Molecular Weight	Observed: 40 kDa Predicted: 40 kDa
NCBI Official Full Name	protein Wnt-6
NCBI Official Synonym Full Names	Wnt family member 6
NCBI Official Symbol	WNT6
NCBI Protein Information	protein Wnt-6
UniProt Protein Name	Protein Wnt-6
UniProt Gene Name	WNT6

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.