

Rabbit anti-Human WNT16 Polyclonal Antibody | anti-WNT16 antibody

WNT16 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA327453	Rabbit	Human	ELISA, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

WNT16; Polyclonal Antibody; WNT16 Antibody; Protein Wnt 16 precursor; Protein Wnt-16; Wingless type MMTV integration site family member 16; WNT16_HUMAN; anti-WNT16 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	WNT16 antibody detects endogenous levels of total WNT16
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	355
Applicable Applications for anti-WNT16 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human WNT16
Subcellular Location	Secreted > Extracellular Space > Extracellular Matrix.
Tissue Specificity	Isoform Wnt-16b is expressed in peripheral lymphoid organs such as spleen, appendix, and lymph nodes, in kidney but not in bone marrow. Isoform Wnt-16a is expressed at significant levels only in the pancreas.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog, Chicken, Xenopus
Similarity	Pig (100%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (82%), Chicken (91%), Xenopus (91%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)
AAA327453 at 1/100 staining Human pancreas 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 WNT16 using Jurkat whole cell lysates

ADDITIONAL INFORMATION

Related Product Information for anti-WNT16 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 (By similarity). 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 #	17402914
NCBI GeneID	51384
NCBI Accession #	NP_057171.2
NCBI GenBank Nucleotide #	NM_016087.2
UniProt Accession #	Q9UBV4; Q2M3G1; Q9Y5C0
Molecular Weight	Observed: 41 kDa Predicted: 41 kDa
NCBI Official Full Name	protein Wnt-16 isoform 2
NCBI Official Synonym Full Names	Wnt family member 16
NCBI Official Symbol	WNT16
NCBI Protein Information	protein Wnt-16
UniProt Protein Name	Protein Wnt-16
UniProt Gene Name	WNT16

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.