

Rabbit WNT5B Polyclonal Antibody | anti-WNT5B antibody

WNT5B Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288810	Rabbit	Human, mouse (Predicted Reactivity: Rabbit, Rat, Xenopus)	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

WNT5B; Polyclonal Antibody; WNT5B Antibody (Center); Protein Wnt-5b; anti-WNT5B antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Rabbit, Rat, Xenopus)
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	This WNT5B antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 153-182 amino acids from the Central region of human WNT5B.
Purity/Purification	This antibody is purified through a protein A column, followed by peptide affinity purification.
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Sequence Positions	153-182
Sequence Length	359
Applicable Applications for anti-WNT5B antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
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).
Cellular Location	Secreted, extracellular space, extracellular matrix
Preparation and Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

IMAGES



FCM/FACS (Flow Cytometry)

Flow cytometric analysis of wdr cells using WNT5B Antibody (Center)(bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)

Formalin-fixed and paraffin-embedded human skeletal muscle with WNT5B Antibody (Center), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)

Western blot analysis of WNT5B Antibody (Center) in mouse bladder tissue lysates (35ug/lane). WNT5B (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-WNT5B antibody	WNT5B is a protein which shows 94% and 80% amino acid identity to the mouse Wnt5b protein and the human WNT5A protein, respectively.
Product Categories/Family for anti-WNT5B antibody	Signal Transduction
References	Saitoh,T. et.al., Int. J. Mol. Med. 10 (3), 345-349 (2002) Yates,K.E. et.al., Osteoarthr. Cartil. 12 (6), 497-505 (2004)

NCBI AND UNIPROT INFORMATION

NCBI GI #	17402919
NCBI GeneID	81029
NCBI Accession #	NP_110402.2 ; NP_116031.1
NCBI GenBank Nucleotide #	NM_030775.2
UniProt Accession #	Q9H1J7 ; Q96S49 ; Q9BV04 ; A8K315 ; D3DUP9
Molecular Weight	40323
NCBI Official Full Name	protein Wnt-5b
NCBI Official Synonym Full Names	wingless-type MMTV integration site family, member 5B
NCBI Official Symbol	WNT5B
NCBI Protein Information	protein Wnt-5b
UniProt Protein Name	Protein Wnt-5b
UniProt Gene Name	WNT5B
UniProt Entry Name	WNT5B_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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Online datasheet: <https://stage.aaabiotech.com/polyclonal/wnt5b-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/288810>