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WNT5B Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP8603C

Product Information

Application	WB, IHC-P, FC, E
Primary Accession	Q9H1J7
Other Accession	P33945, P22726, P31286, Q9QXQ7, Q27Q52, P22725, P41221
Reactivity	Human, Mouse
Predicted	Rat, Rabbit, Xenopus, Bovine, Canine, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB22511
Calculated MW	40323
Antigen Region	153-182

Additional Information

Gene ID	81029
Other Names	Protein Wnt-5b, WNT5B
Target/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.
Dilution	WB~~1:1000 IHC-P~~1:100~500 FC~~1:10~50 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
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.
Precautions	WNT5B Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	WNT5B
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

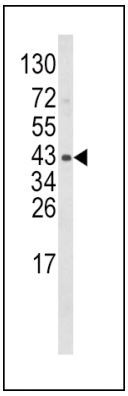
Background

WNT5B is a protein which shows 94% and 80% amino acid identity to the mouse Wnt5b protein and the human WNT5A protein, respectively.

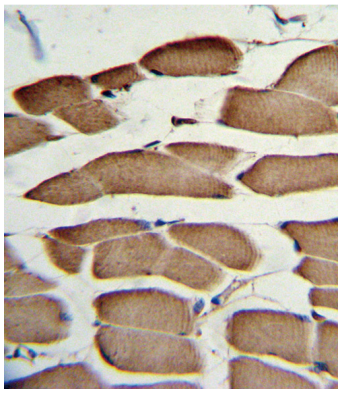
References

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)

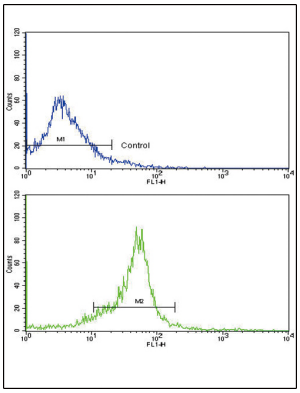
Images



Western blot analysis of WNT5B Antibody (Center) (Cat. #AP8603c) in mouse bladder tissue lysates (35ug/lane). WNT5B (arrow) was detected using the purified Pab.



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.



Flow cytometric analysis of widr 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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.