

Rabbit anti-Human, mouse WNT10B Polyclonal Antibody | anti-WNT10B antibody

WNT10B Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288878	Rabbit	Human, mouse	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

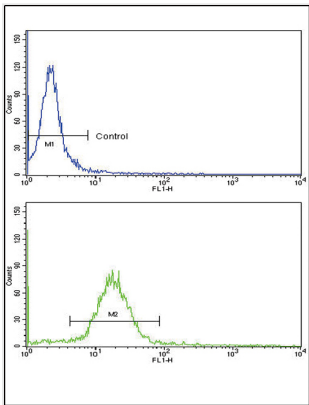
PRODUCT SYNONYMS

WNT10B; Polyclonal Antibody; WNT10B Antibody (Center); Protein Wnt-10b; Protein Wnt-12; WNT12; anti-WNT10B antibody

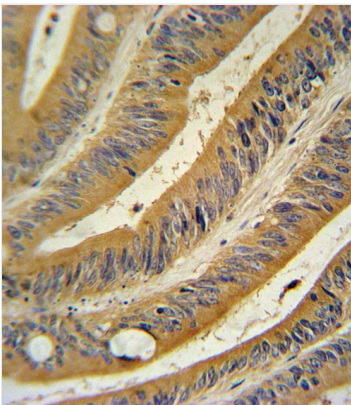
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This WNT10B antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 193-222 amino acids from the Central region of human WNT10B.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	193-222
Sequence Length	191
Applicable Applications for anti-WNT10B antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

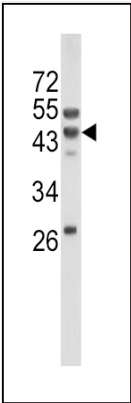
IMAGES



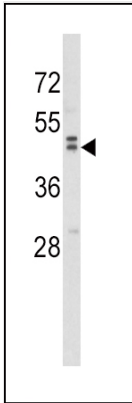
FCM/FACS (Flow Cytometry)
Flow cytometric analysis of MDA-231 cells using WNT10B Antibody (Center)(bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemisry)
WNT10B Antibody (Center) immunohistochemistry analysis in formalin fixed and paraffin embedded human colon carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the WNT10B Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of WNT10B Antibody (Center) in mouse liver tissue lysates (35ug/lane). WNT10B (arrow) was detected using the purified Pab.



WB (Western Blot)
Western blot analysis of WNT10B Antibody (Center) in MDA-MB231 cell line lysates (35ug/lane). WNT10B (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-WNT10B antibody	The WNT gene family consists of structurally related genes which encode secreted signaling proteins. These proteins have been implicated in oncogenesis and in several developmental processes, including regulation of cell fate and patterning during embryogenesis. WNT10B is a member of the WNT family. It may be involved in breast cancer, and its protein signaling is likely a molecular switch that governs adipogenesis. This protein is 96% identical to the mouse Wnt10b protein at the amino acid level.
Product Categories/Family for anti-WNT10B antibody	Metabolism; Signal Transduction
References	Zmuda,J.M., J. Bone Miner. Res. 24 (3), 437-447 (2009) Pederson,L., Proc. Natl. Acad. Sci. U.S.A. 105 (52), 20764-20769 (2008)

NCBI AND UNIPROT INFORMATION

NCBI GI #	16936522
NCBI GeneID	7480
NCBI Accession #	NP_003385.2
NCBI GenBank Nucleotide #	NM_003394.3
UniProt Accession #	O00744; O00747; Q4VAJ4; Q4VAJ5; Q8WZ97; B2R7A5

Molecular Weight	43000
NCBI Official Full Name	protein Wnt-10b
NCBI Official Synonym Full Names	wingless-type MMTV integration site family, member 10B
NCBI Official Symbol	WNT10B
NCBI Official Synonym Symbols	SHFM6; WNT-12
NCBI Protein Information	protein Wnt-10b
UniProt Protein Name	Protein Wnt-10b
UniProt Gene Name	WNT10B
UniProt Synonym Gene Names	WNT12
UniProt Entry Name	WN10B_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://www.aaabiotech.com/polyclonal/wnt10b-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/288878>