

Rabbit Wnt10b Polyclonal Antibody | anti-WNT10B antibody

Wnt10b Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA39772	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot, ELISA

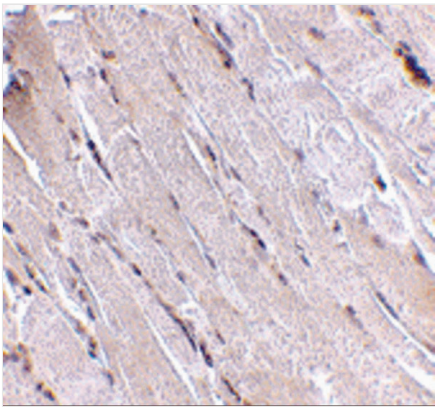
PRODUCT SYNONYMS

Wnt10b; Polyclonal Antibody; Wnt10b Antibody; SHFM6; WNT-12; WNT12; Protein Wnt-10b; Protein Wnt-12; wingless-type MMTV integration site family; member 10B; anti-WNT10B antibody

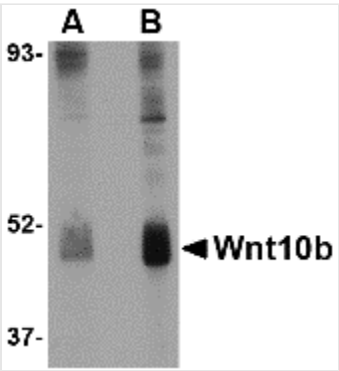
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	Two isoforms of Wnt10b are known to exist; this antibody will only recognize the longer isoform. This Wnt10b antibody will not cross-react with Wnt10a.
Purity/Purification	Wnt10b Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	389
Applicable Applications for anti-WNT10B antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	Wnt10b antibody was raised against a 15 amino acid synthetic peptide from near the center of human Wnt10b.
Buffer	Wnt10b Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	Wnt10b antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



IHC (Immunohistochemistry)
Immunohistochemistry of Wnt10b in human skeletal muscle with Wnt10b antibody at 2.5 μg/mL.



WB (Western Blot)
Western blot analysis of Wnt10b in human skeletal muscle tissue lysate with Wnt10b antibody at (A) 2 and (B) 4 μg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-WNT10B antibody	Wnt10b Antibody: Wnt10b is a member of the Wnt family, a gene family that encodes secreted signaling proteins that play crucial roles in normal development such as regulation of cell fate and patterning during embryogenesis as well as neoplastic transformation. Wnt10b is found in the mouse mammary tumor virus insertion site where it is activated and causes mammary tumors. Elevated levels of Wnt10b have also been detected in human breast carcinomas. Wnt10b is known to be involved in adipogenesis, maintaining the preadipocyte in an undifferentiated state. More recently, Wnt10b has been shown to promote epithelial cell differentiation and hair shaft growth, demonstrating that Wnt10b has multiple roles in cell growth and differentiation.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	16936522
NCBI GeneID	7480
NCBI Accession #	NP_003385
NCBI GenBank Nucleotide #	NM_003394.3
UniProt Accession #	O00744; O00747; Q4VAJ4; Q4VAJ5; Q8WZ97; B2R7A5
Molecular Weight	Predicted: 43 kDa Observed: 47 kDa
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; WNT-10B protein
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://stage.aaabiotech.com/polyclonal/wnt10b-antibody-immunohistochemistry-western-blot-elisa/39772>