# antibodies - online.com







## anti-WNT10B antibody (AA 193-222)



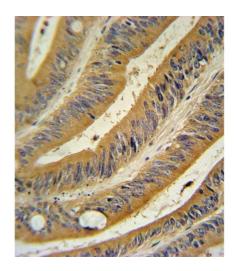


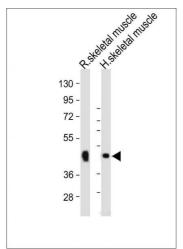
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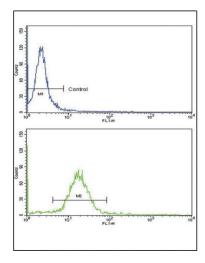
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Quantity:	400 μL
Target:	WNT10B
Binding Specificity:	AA 193-222
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This WNT10B antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS)
Product Details	
Immunogen:	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.
Clone:	RB19661
Isotype:	lg Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.
Target Details	
Target:	WNT10B
Alternative Name:	WNT10B (WNT10B Products)

### **Target Details**

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Background:	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.
Molecular Weight:	43000
Gene ID:	7480
NCBI Accession:	NP_003385
UniProt:	000744
Pathways:	WNT Signaling, Skeletal Muscle Fiber Development
Application Details	
Application Notes:	WB: 1:2000. IHC-P: 1:10~50. FC: 1:10~50
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in smal aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months







#### **Immunohistochemistry (Paraffin-embedded Sections)**

Image 1. WNT10B Antibody (Center) (ABIN390524 and ABIN2840875) 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.

#### **Western Blotting**

Image 2. All lanes: Anti-WNT10B Antibody (Center) at 1:2000 dilution Lane 1: Rat skeletal muscle whole lysate Lane 2: Human skeletal muscle whole lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 43 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.

#### Flow Cytometry

**Image 3.** 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.