



WNT10B blocking peptide (CDBP6437)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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. This gene is a member of the WNT gene 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. This gene is clustered with another family member, WNT1, in the chromosome 12q13 region. [provided by RefSeq, Jul 2008]
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Conjugate	Unconjugated
Applications	Used as a blocking peptide in immunoblotting applications.
Format	Liquid
Concentration	200 µg/mL
Size	0.05 mg
Preservative	None
Storage	-20°C

GENE INFORMATION

Gene Name	WNT10B wingless-type MMTV integration site family, member 10B [Homo sapiens (human)]
Official Symbol	WNT10B
Synonyms	WNT10B; wingless-type MMTV integration site family, member 10B; SHFM6; WNT-12; protein Wnt-10b; WNT-10B protein

Entrez Gene ID	7480
mRNA Refseq	NM_003394
Protein Refseq	NP_003385
UniProt ID	O00744
Pathway	Adipogenesis; Basal cell carcinoma; Class B/2 (Secretin family receptors); DNA damage response (only ATM dependent); Developmental Biology; Disease; GPCR ligand binding; HTLV-I infection
Function	frizzled binding; receptor agonist activity