

WNT10B Antibody (Internal)
Rabbit Polyclonal Antibody
Catalog # ALS11137

Specification

WNT10B Antibody (Internal) - Product Information

Application	IHC
Primary Accession	O00744
Reactivity	Human, Mouse, Rabbit, Monkey, Pig, Horse, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	43kDa KDa

WNT10B Antibody (Internal) - Additional Information

Gene ID 7480

Other Names

Protein Wnt-10b, Protein Wnt-12, WNT10B, WNT12

Target/Specificity

Human WNT10B. BLAST analysis of the peptide immunogen showed no homology with other human proteins.

Reconstitution & Storage

Long term: -70°C; Short term: +4°C

Precautions

WNT10B Antibody (Internal) is for research use only and not for use in diagnostic or therapeutic procedures.

WNT10B Antibody (Internal) - Protein Information

Name WNT10B

Synonyms WNT12

Function

Member of the Wnt ligand gene family that encodes for secreted proteins, which activate the Wnt signaling cascade. Specifically activates canonical Wnt/beta-catenin signaling and thus triggers beta-catenin/LEF/TCF-mediated transcriptional programs. Involved in signaling networks controlling stemness, pluripotency and cell fate decisions. Acts in the immune system, mammary gland, adipose tissue, bone and skin.

Cellular Location

Secreted, extracellular space, extracellular matrix. Secreted

Tissue Location

Detected in most adult tissues. Highest levels were found in heart and skeletal muscle. Low levels are found in brain

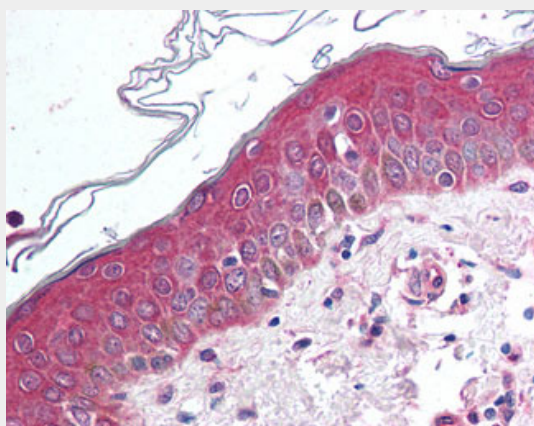
Volume

50 μ l

WNT10B Antibody (Internal) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

WNT10B Antibody (Internal) - Images

Anti-WNT10B antibody ALS11137 IHC of human skin.

WNT10B Antibody (Internal) - Background

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).

WNT10B Antibody (Internal) - References

- Hardiman G., et al. *Cytogenet. Cell Genet.* 77:278-282(1997).
Saitoh T., et al. *Int. J. Oncol.* 19:1187-1192(2001).
Ota T., et al. *Nat. Genet.* 36:40-45(2004).
Scherer S.E., et al. *Nature* 440:346-351(2006).
Mural R.J., et al. Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.