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WNT10B Antibody (Internal)
Rabbit Polyclonal Antibody
Catalog # ALS11137

Specification

WNT10B Antibody (Internal) - Product Information

Application	**IHC-P**
Primary Accession	O00744
Reactivity	**Human, Mouse, Rabbit, Monkey, Pig, Horse, Dog**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**43kDa KDa**
Dilution	**IHC-P~~N/A**

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

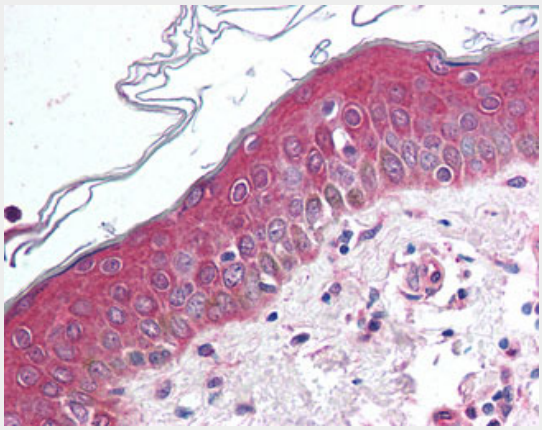
Volume
50 µl

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 Cytomety
- 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.