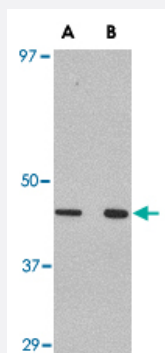


WNT10A polyclonal antibody

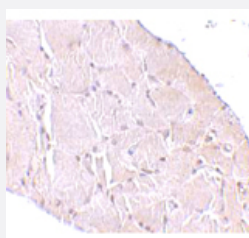
Catalog # PAB13043 Size 100 ug

Applications



Western Blot (Cell lysate)

Western blot analysis of WNT10A in Raw 264.7 cell lysate with WNT10A polyclonal antibody (Cat # PAB13043) at (A) 1 and (B) 2 ug/mL .



Immunohistochemistry

Immunohistochemical staining of human skeletal muscle tissue with 10 ug/mL WNT10A polyclonal antibody (Cat # PAB13043).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of WNT10A.
Immunogen	A synthetic peptide corresponding to C-terminus 14 amino acids of human WNT10A.
Host	Rabbit
Reactivity	Human, Mouse, Rat
Form	Liquid
Recommend Usage	Western Blot (1-2 ug/mL) The optimal working dilution should be determined by the end user.

Storage Buffer	In PBS (0.02% sodium azide)
Storage Instruction	Store at 4°C for three months. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of WNT10A in Raw 264.7 cell lysate with WNT10A polyclonal antibody (Cat # PAB13043) at (A) 1 and (B) 2 ug/mL .

- Immunohistochemistry

Immunohistochemical staining of human skeletal muscle tissue with 10 ug/mL WNT10A polyclonal antibody (Cat # PAB13043).

Gene Info — WNT10A

Entrez GeneID	80326
Protein Accession#	Q9GZT5
Gene Name	WNT10A
Gene Alias	FLJ14301
Gene Description	wingless-type MMTV integration site family, member 10A
Omim ID	257980 606268
Gene Ontology	Hyperlink
Gene Summary	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 is strongly expressed in the cell lines of promyelocytic leukemia and Burkitt's lymphoma. In addition, it and another family member, the WNT6 gene, are strongly coexpressed in colorectal cancer cell lines. The gene overexpression may play key roles in carcinogenesis through activation of the WNT-beta-catenin-TCF signaling pathway. This gene and the WNT6 gene are clustered in the chromosome 2q35 region. [provided by RefSeq]
Other Designations	-

Publication Reference

- [Expression of WNT10A in human cancer.](#)

Kirikoshi H, Inoue S, Sekihara H, Katoh M.

International Journal of Oncology 2001 Nov; 19(5):997.

- [WNT10A and WNT6, clustered in human chromosome 2q35 region with head-to-tail manner, are strongly coexpressed in SW480 cells.](#)

Kirikoshi H, Sekihara H, Katoh M.

Biochemical and Biophysical Research Communications 2001 May; 283(4):798.

- [Expression of wnt10a in the central nervous system of developing zebrafish.](#)

Kelly GM, Lai CJ, Moon RT.

Developmental Biology 1993 Jul; 158(1):113.

Application: IHC, WB, Fish, Zebrafish central nervous system

Pathway

- [Basal cell carcinoma](#)
- [Hedgehog signaling pathway](#)
- [Melanogenesis](#)
- [Pathways in cancer](#)
- [Wnt signaling pathway](#)

Disease

- [Cleft Lip](#)
- [Cleft Palate](#)
- [Genetic Predisposition to Disease](#)