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Wnt2b Rabbit mAb

Catalog # AP76260

Product Information

Application	WB, FC
Primary Accession	Q93097
Reactivity	Rat, Human, Mouse
Host	Rabbit
Clonality	Monoclonal Antibody
Isotype	IgG
Conjugate	Unconjugated
Purification	Affinity Purified
Calculated MW	43770

Additional Information

Gene ID	7482
Other Names	WNT2B
Dilution	WB~~1:1000-1:5000 FC~~1:20-1:100
Format	Liquid in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

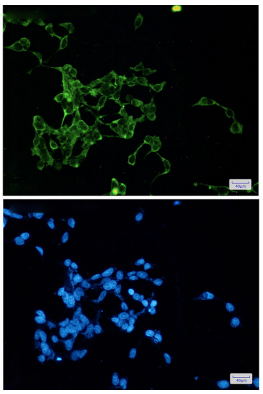
Protein Information

Name	WNT2B
Synonyms	WNT13
Function	Ligand for members of the frizzled family of seven transmembrane receptors. Functions in the canonical Wnt/beta-catenin signaling pathway. Plays a redundant role in embryonic lung development.
Cellular Location	Secreted, extracellular space, extracellular matrix. Secreted
Tissue Location	Isoform 1 is expressed in adult heart, brain, placenta, lung, prostate, testis, ovary, small intestine and colon. In the adult brain, it is mainly found in the caudate nucleus, subthalamic nucleus and thalamus. Also detected in fetal brain, lung and kidney Isoform 2 is expressed in fetal brain, fetal lung, fetal kidney, caudate nucleus, testis and cancer cell lines

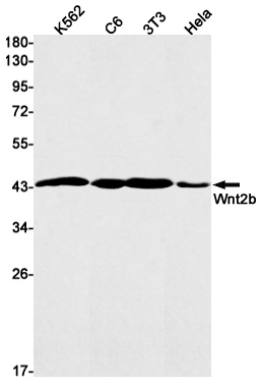
Background

This gene encodes a member of the wingless-type MMTV integration site (WNT) family of highly conserved, secreted signaling factors. WNT family members function in a variety of developmental processes including regulation of cell growth and differentiation and are characterized by a WNT-core domain. This gene may play a role in human development as well as carcinogenesis. Alternative splicing results in multiple transcript variants.

Images



Immunocytochemistry analysis of Wnt2b (green) in 293t using Wnt2b antibody,and DAPI(blue).



Western blot analysis of Wnt2b in K562, C6, 3T3, Hela lysates using Wnt2b antibody.