SPAG4 Antibody

PACO18429

Product Information

Size:

50ul

Reactivity:

Human, Mouse

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB, IHC

Recommended dilutions:

ELISA:1:1000-1:3000, WB:1:100-1:500, IHC:1:15-1:50

Protein Background:

This gene encodes a member of the WNT1 inducible signaling pathway (WISP) protein subfamily, which belongs to the connective tissue growth factor (CTGF) family. WNT1 is a member of a family of cysteine-rich, glycosylated signaling proteins that mediate diverse developmental processes. The CTGF family members are characterized by four conserved cysteine-rich domains: insulin-like growth factor-binding domain, von Willebrand factor type C module, thrombospondin domain and C-terminal cystine knot-like domain. This gene may be downstream in the WNT1 signaling pathway that is relevant to malignant transformation. It is expressed at a high level in fibroblast cells, and overexpressed in colon tumors. The encoded protein binds to decorin and biglycan, two members of a family of small leucine-rich proteoglycans present in the extracellular matrix of connective tissue, and possibly prevents the inhibitory activity of decorin and biglycan in tumor cell proliferation.

Gene ID:

SPAG4

Uniprot

Q9NPE6

Synonyms:

sperm associated antigen 4

Immunogen:

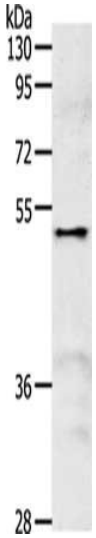
Synthetic peptide of human SPAG4.

Storage:

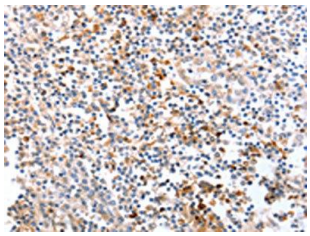
-20° C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol

 info@assaygenie.com www.assaygenie.com

Product Images



Gel: 10%SDS-PAGE, Lysate: 50 μ g, Lane: NIH/3T3 cells, Primary antibody: PACO18429(SPAG4 Antibody) at dilution 1/150, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 30 minutes.



The image on the left is immunohistochemistry of paraffin-embedded Human tonsil tissue using PACO18429(SPAG4 Antibody) at dilution 1/20, on the right is treated with synthetic peptide. (Original magnification: x—200).

