

Product Information

Size:

50ul

Reactivity:

Human, Mouse, Rat

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB, IHC

Recommended dilutions:

ELISA:1:2000-1:5000, WB:1:500-1:2000,
IHC:1:30-1:150

Protein Background:

Component of the CCM signaling pathway which is a crucial regulator of heart and vessel formation and integrity. Negative regulator of angiogenesis. Inhibits endothelial proliferation, apoptosis, migration, lumen formation and sprouting angiogenesis in primary endothelial cells. Promotes AKT phosphorylation in a NOTCH-dependent and independent manner, and inhibits ERK1/2 phosphorylation indirectly through activation of the DELTA-NOTCH cascade. Acts in concert with CDH5 to establish and maintain correct endothelial cell polarity and vascular lumen and these effects are mediated by recruitment and activation of the Par polarity complex and RAP1B. Required for the localization of phosphorylated PRKCZ, PARD3, TIAM1 and RAP1B to the cell junction, and cell junction stabilization. Plays a role in integrin signaling via its interaction with ITGB1BP1; this prevents the interaction between ITGB1 and ITGB1BP1.

Gene ID:

TUSC5

Uniprot

Q8IXB3

Synonyms:

tumor suppressor candidate 5

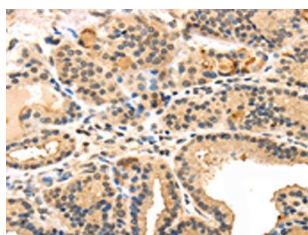
Immunogen:

Synthetic peptide of human TUSC5.

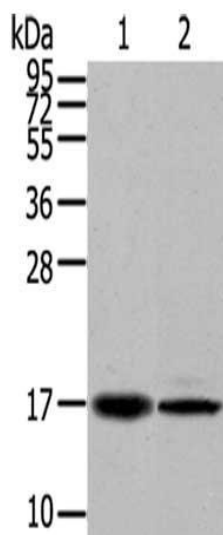
Storage:

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

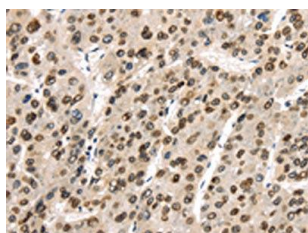
Product Images



The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using PACO20794(TUSC5 Antibody) at dilution 1/40, on the right is treated with synthetic peptide. (Original magnification: x—200).



Gel: 12%SDS-PAGE, Lysate: 40 ug, Lane 1-2: Lovo cells, 231 cells, Primary antibody: PACO20794(TUSC5 Antibody) at dilution 1/200 dilution, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 40 seconds.



The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using PACO20794(TUSC5 Antibody) at dilution 1/40, on the right is treated with synthetic peptide. (Original magnification: x—200).