

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:1:50-1:200

Protein Background:

Seems to be involved in the regulation of cell growth and differentiation, may play different and opposite roles depending on the tissue or cell type. May enhance the WNT-CTNNB1 pathway by relieving antagonistic activity of CBY1. Enhances the proliferation of follicular dendritic cells. Plays a role in the mitogen-activated MAPK2/3 signaling pathway, positively regulates G1-to-S-phase transition of the cell cycle. In endothelial cells, enhances key inflammatory mediators and inflammatory response through the modulation of NF-kappaB transcriptional regulatory activity. Involved in the regulation of heat shock response, seems to play a positive feedback with HSF1 to modulate heat-shock downstream gene expression. Plays a role in the regulation of hematopoiesis even if the mechanisms are unknown. In cancers such as thyroid or lung cancer, it has been described as promoter of cell proliferation, G1-to-S-phase transition and inhibitor of apoptosis.

Gene ID:

DGAT1

Uniprot

O75907

Synonyms:

diacylglycerol O-acyltransferase 1

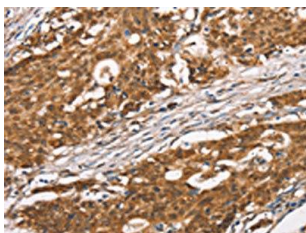
Immunogen:

Synthetic peptide of human DGAT1.

Storage:

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

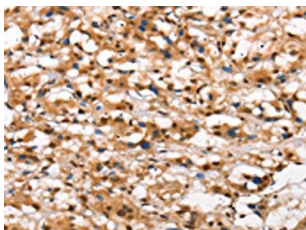
Product Images



The image on the left is immunohistochemistry of paraffin-embedded Human gastric cancer tissue using PACO19568(DGAT1 Antibody) at dilution 1/40, on the right is treated with synthetic peptide. (Original magnification: x—200).



Gel: 10%SDS-PAGE, Lysate: 40 μ g, Lane: Mouse heart tissue, Primary antibody: PACO19568(DGAT1 Antibody) at dilution 1/1400, 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 thyroid cancer tissue using PACO19568(DGAT1 Antibody) at dilution 1/40, on the right is treated with synthetic peptide. (Original magnification: x—200).