MIG7 Antibody

PACO20020

Product Information

Size:

50ul

Reactivity:

Human

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB, IHC

Recommended dilutions:

ELISA:1:2000-1:5000, WB:1:200-1:1000, IHC:1:50-1:200

Protein Background:

Cell surface receptor for Reelin (RELN) and apolipoprotein E (apoE)-containing ligands. LRP8 participates in transmitting the extracellular Reelin signal to intracellular signaling processes, by binding to DAB1 on its cytoplasmic tail. Reelin acts via both the VLDL receptor (VLDLR) and LRP8 to regulate DAB1 tyrosine phosphorylation and microtubule function in neurons. LRP8 has higher affinity for Reelin than VLDLR. LRP8 is thus a key component of the Reelin pathway which governs neuronal layering of the forebrain during embryonic brain development. Binds the endoplasmic reticulum resident receptor-associated protein (RAP). Binds dimers of beta 2-glycoprotein I and may be involved in the suppression of platelet aggregation in the vasculature. Highly expressed in the initial segment of the epididymis, where it affects the functional expression of clusterin and phospholipid hydroperoxide glutathione peroxidase (PHGPx), two proteins required for sperm maturation. May also function as an endocytic receptor.

Gene ID:

MIG7

Uniprot

Q1AHR6

Synonyms:

mig-7

Immunogen:

Synthetic peptide of human MIG7.

Storage:

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

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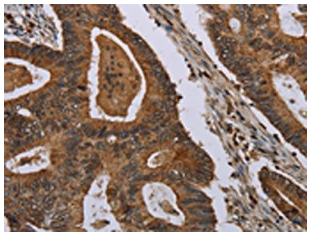
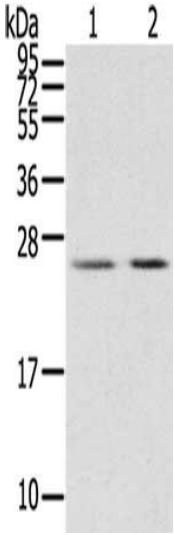
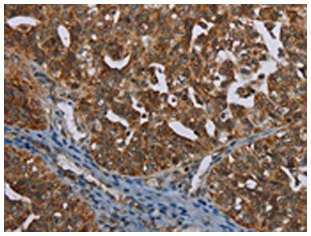
Product Images



The image on the left is immunohistochemistry of paraffin-embedded Human colon cancer tissue using PACO20020(MIG7 Antibody) at dilution 1/35, on the right is treated with synthetic peptide. (Original magnification: x—200).



Gel: 12%SDS-PAGE, Lysate: 40 ug, Lane 1-2: Human breast infiltrative duct tissue, Human placenta tissue, Primary antibody: PACO20020(MIG7 Antibody) at dilution 1/200, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 15 seconds.



The image on the left is immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using PACO20020(MIG7 Antibody) at dilution 1/35, on the right is treated with synthetic peptide. (Original magnification: x—200).

