ISM2 Antibody

PACO20682

Product Information

Size:

50ul

Reactivity:

Human

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB, IHC

Recommended dilutions:

ELISA:1:2000-1:10000, WB:1:1000-1:5000, IHC:1:30-1:150

Protein Background:

Cell adhesion molecule that plays a role in neuronal self-avoidance. Promotes repulsion between specific neuronal processes of either the same cell or the same subtype of cells. Mediates within retinal amacrine and ganglion cell subtypes both isoneuronal self-avoidance for creating an orderly dendritic arborization and heteroneuronal self-avoidance to maintain the mosaic spacing between amacrine and ganglion cell bodies. Receptor for netrin required for axon guidance independently of and in collaboration with the receptor DCC. In spinal chord development plays a role in guiding commissural axons projection and pathfinding across the ventral midline to reach the floor plate upon ligand binding. Enhances netrin-induced phosphorylation of PAK1 and FYN. Mediates intracellular signaling by stimulating the activation of MAPK8 and MAP kinase p38.

Gene ID:

ISM2

Uniprot

Q6H9L7

Synonyms:

isthmin 2

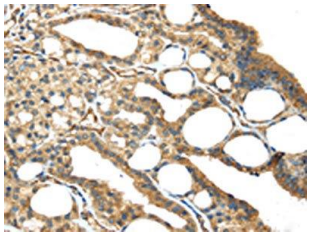
Immunogen:

Synthetic peptide of human ISM2.

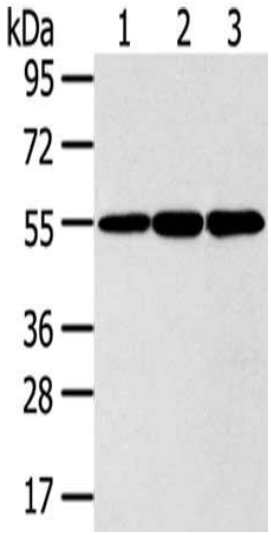
Storage:

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

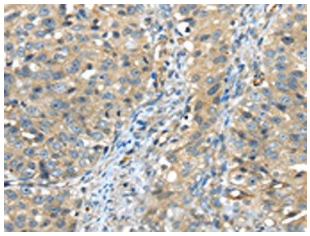
Product Images



The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using PACO20682(ISM2 Antibody) at dilution 1/45, on the right is treated with synthetic peptide. (Original magnification: x—200).



Gel: 8%SDS-PAGE, Lysate: 40 ug, Lane 1-3: 293T cells, LO2 cells, Lovo cells, Primary antibody: PACO20682(ISM2 Antibody) at dilution 1/300 dilution, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 5 seconds.



The image on the left is immunohistochemistry of paraffin-embedded Human breast cancer tissue using PACO20682(ISM2 Antibody) at dilution 1/45, on the right is treated with synthetic peptide. (Original magnification: x—200).

