MGEA5 Antibody

PACO14492

Product Information

Size:

50ul

Reactivity:

Human, Mouse, Rat

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB, IHC

Recommended dilutions:

ELISA:1:1000-1:2000, WB:1:200-1:1000, IHC:1:25-1:100

Protein Background:

The dynamic modification of cytoplasmic and nuclear proteins by O-linked N-acetylglucosamine (O-GlcNAc) addition and removal on serine and threonine residues is catalyzed by OGT, which adds O-GlcNAc, and MGEA5, a glycosidase that removes O-GlcNAc modifications. Cleaves GlcNAc but not GalNAc from glycopeptides. Can use p-nitrophenyl-beta-GlcNAc as substrate but not p-nitrophenyl-beta-GalNAc or p-nitrophenyl-alpha-GlcNAc. Possesses hyaluronidase activity. Acetylates 'Lys-8' of histone H4 and 'Lys-14' of histone H3. Shows highest expression in the brain, placenta and pancreas.

Gene ID:

MGEA5

Uniprot

O60502

Synonyms:

Meningioma expressed antigen 5 (hyaluronidase)

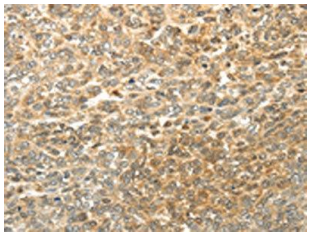
Immunogen:

Fusion protein of human MGEA5.

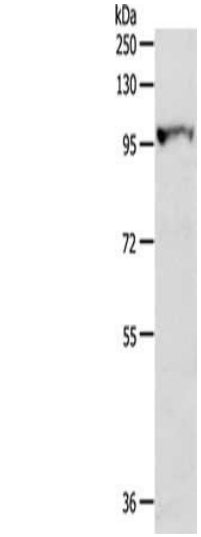
Storage:

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

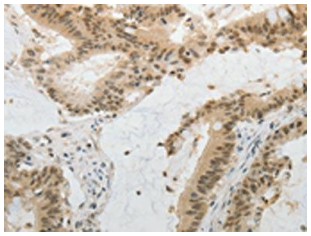
Product Images



The image on the left is immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using PACO14492(MGEA5 Antibody) at dilution 1/20, on the right is treated with fusion protein. (Original magnification: x—200).



Gel: 8%SDS-PAGE, Lysate: 40 μ g, Lane: Human fetal liver tissue, Primary antibody: PACO14492(MGEA5 Antibody) at dilution 1/300, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 30 seconds.



The image on the left is immunohistochemistry of paraffin-embedded Human colon cancer tissue using PACO14492(MGEA5 Antibody) at dilution 1/20, on the right is treated with fusion protein. (Original magnification: x—200).

