SLC20A1 Antibody

PACO18895

Product Information

Size:

50ul

Reactivity:

Human, Mouse, Rat

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, IHC

Recommended dilutions:

ELISA:1:1000-1:5000, IHC:1:25-1:100

Protein Background:

Receptor that mediates the recognition, internalization and degradation of oxidatively modified low density lipoprotein (oxLDL) by vascular endothelial cells. OxLDL is a marker of atherosclerosis that induces vascular endothelial cell activation and dysfunction, resulting in pro-inflammatory responses, pro-oxidative conditions and apoptosis. Its association with oxLDL induces the activation of NF-kappa-B through an increased production of intracellular reactive oxygen and a variety of pro-atherogenic cellular responses including a reduction of nitric oxide (NO) release, monocyte adhesion and apoptosis. In addition to binding oxLDL, it acts as a receptor for the HSP70 protein involved in antigen cross-presentation to naive T-cells in dendritic cells, thereby participating in cell-mediated antigen cross-presentation. Also involved in inflammatory process, by acting as a leukocyte-adhesion molecule at the vascular interface in endotoxin-induced inflammation.

Gene ID:

SLC20A1

Uniprot

Q8WUM9

Synonyms:

solute carrier family 20 (phosphate transporter), member 1

Immunogen:

Synthetic peptide of human SLC20A1.

Storage:

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

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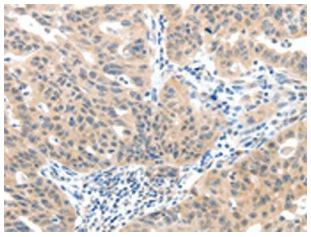
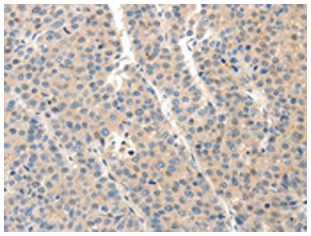
Product Images



The image on the left is immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using PACO18895(SLC20A1 Antibody) at dilution 1/40, on the right is treated with synthetic peptide. (Original magnification: x—200).



The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using PACO18895(SLC20A1 Antibody) at dilution 1/40, on the right is treated with synthetic peptide. (Original magnification: x—200).