SLC13A4 Polyclonal antibody

Catalog Number:20302-1-AP

2 Publications

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Basic Information

Catalog Number:
20302-1-AP

Size:
150ul , Concentration: 133 ug/ml by Nanodrop and 133 ug/ml by Bradford method using BSA as the standard;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG14116

GenBank Accession Number:
BC030689

GeneID (NCBI):
26266

UNIPROT ID:
Q9UKG4

Full Name:
solute carrier family 13 (sodium/sulfate symporters), member 4

Calculated MW:
626 aa, 69 kDa

Observed MW:
69 kDa

Purification Method:
Antigen affinity purification

Recommended Dilutions:
WB 1:500-1:1000
IF/ICC 1:20-1:200

Applications

Tested Applications:
WB, IF/ICC, ELISA

Cited Applications:
WB, IHC

Species Specificity:
human, mouse, rat

Cited Species:
mouse

Positive Controls:

WB : HEK-293 cells,

IF/ICC : HEK-293 cells,

Background Information

SLC13A4 (also known as SUT-1 or NaS2) belongs to the family of Na+-coupled anion transporters and mediates sulfate reabsorption in the high endothelial venules (HEV). Sulfate is an obligate nutrient for fetal development. Highly expressed in placenta, SLC13A4 has been proposed to play important physiological roles in maintaining high maternal serum sulfate levels during pregnancy and mediating sulfate supply to the fetus.

Notable Publications

Author	Pubmed ID	Journal	Application
Zhe Zhang	30956169	EBioMedicine	IHC
Dawson Paul A PA	22674389	Biol Reprod	WB,IHC

Storage

Storage:
Store at -20℃. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage
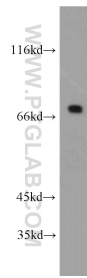
*** 20ul sizes contain 0.1% BSA

Selected Validation Data

HEK-293 cells were subjected to SDS PAGE followed by western blot with 20302-1-AP (SLC13A4 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.
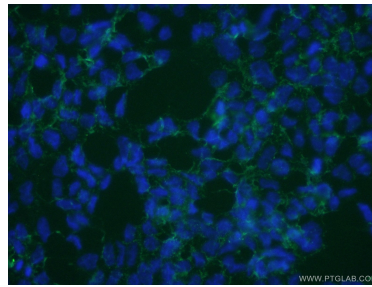
Immunofluorescent analysis of (10% Formaldehyde) fixed HEK-293 cells using 20302-1-AP (SLC13A4 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated Goat Anti-Rabbit IgG(H+L).