

For Research Use Only

SLC39A3 Polyclonal antibody

Catalog Number: 20458-1-AP



Basic Information

Catalog Number:

20458-1-AP

Size:

150ul , Concentration: 450 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG14289

GenBank Accession Number:

BC005869

GeneID (NCBI):

29985

UNIPROT ID:

Q9BRY0

Full Name:

solute carrier family 39 (zinc transporter), member 3

Calculated MW:

314 aa, 34 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IHC 1:50-1:500

Applications

Tested Applications:

IHC, ELISA

Species Specificity:

human, mouse

Positive Controls:

IHC : mouse colon tissue,

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Background Information

SLC39A3, also known as ZIP3 (Zrt- and Irt-like protein 3), is a solute carrier family 39 (SLC39) and is critical in maintaining cellular zinc homeostasis (PMID: 32744318). SLC39A3 is a multi-pass membrane protein that belongs to the ZIP family of zinc transporters responsible for the influx of zinc into cells from the extracellular space.

Storage

Storage:

Store at -20°C. 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

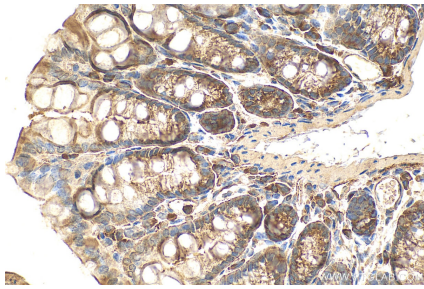
For technical support and original validation data for this product please contact:

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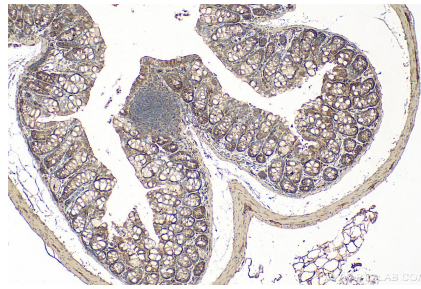
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Selected Validation Data



Immunohistochemical analysis of paraffin-embedded mouse colon tissue slide using 20458-1-AP (SLC39A3 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse colon tissue slide using 20458-1-AP (SLC39A3 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).