

For Research Use Only

# SLC39A3 Polyclonal antibody, PBS Only

Catalog Number: 20458-1-PBS



## Basic Information

**Catalog Number:**

20458-1-PBS

**Size:**

100ug, Concentration: 1 mg/ml by Nanodrop;

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG14289

**GenBank Accession Number:**

BC005869

**GeneID (NCBI):**

29985

**UNIPROT ID:**

Q9BRYO

**Full Name:**

solute carrier family 39 (zinc transporter), member 3

**Calculated MW:**

314 aa, 34 kDa

**Purification Method:**

Antigen affinity purification

## Applications

**Tested Applications:**

IHC, Indirect ELISA

**Species Specificity:**

human, mouse

## 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 -80°C.

**Storage Buffer:**

PBS only, pH7.3

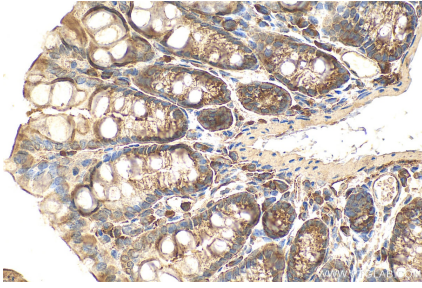
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

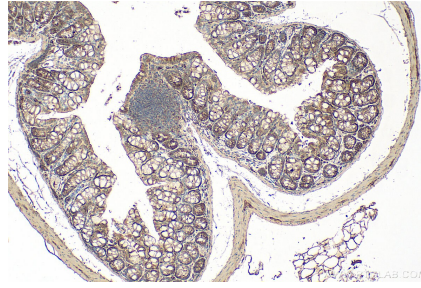
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

## 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). This data was developed using the same antibody clone with 20458-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 20458-1-PBS in a different storage buffer formulation.