

For Research Use Only

SLC39A3 Monoclonal antibody, PBS Only



Catalog Number: 68025-1-PBS

Basic Information

Catalog Number: 68025-1-PBS	GenBank Accession Number: BC005869	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 29985	CloneNo.: 1A11F6
Source: Mouse	UNIPROT ID: Q9BRY0	
Isotype: IgG2a	Full Name: solute carrier family 39 (zinc transporter), member 3	
Immunogen Catalog Number: AG14289	Calculated MW: 314 aa, 34 kDa	
	Observed MW: 32 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
Human

Background Information

SLC39A3, also named as ZIP3, belongs to the ZIP transporter (TC 2.A.5) family. SLC39A3 is a Zn importer that acts as a zinc-influx transporter. SLC39A3 is highly expressed in a cell-type-specific manner in ovaries, testes, and the developing nervous system with limited expression in the small intestinal crypt cells, kidney glomerulus, and discrete regions of the liver. SLC39A3 is also expressed in highly specialized, hormonally responsive secretory tissues, such as the pancreas, prostate, and mammary gland (PMID: 19458277). SLC39A3 has 2 isoforms with the molecular mass of 11 and 34 kDa.

Storage

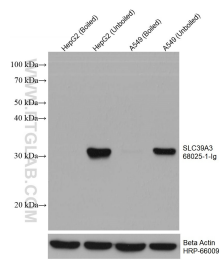
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

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)
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68025-1-Ig (SLC39A3 antibody) at dilution of 1:5200 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Beta Actin Monoclonal antibody (HRP-66009) as loading control. This data was developed using the same antibody clone with 68025-1-PBS in a different storage buffer formulation.