

For Research Use Only

SLC39A6/ZIP6 Recombinant monoclonal antibody, PBS Only

Catalog Number: 87340-1-PBS



Basic Information

Catalog Number: 87340-1-PBS	GenBank Accession Number: BC039498	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 25800	CloneNo.: 252505E9
Source: Rabbit	UNIPROT ID: Q13433	
Isotype: IgG	Full Name: solute carrier family 39 (zinc transporter), member 6	
	Calculated MW: 85 kDa	
	Observed MW: 86-100 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human, mouse

Background Information

The zinc transporter LIV-1 (also known as SLC39A6 or ZIP6) was originally identified as an estrogen-induced gene in breast cancer cells. Elevated LIV-1 expression is reportedly related to cancer progression in various types of cancer, including breast, prostate, pancreatic, cervical and liver cancers. While correlation of LIV-1 and prognosis may vary. LIV 1 has 3 isoforms with MW of 85-100 (glycosylation and phosphorylation), 48 and 32 kDa while migrates as different bands in different lysates in SDS-PAGE. Furthermore, it has been reported in the papers that full-length SLC39A6/ZIP6, as the pro-protein, is predicted to be 85 kDa and produces a 103 kDa band, the N-terminal fragment after cleavage is 35 kDa, and the cleaved ZIP6 is 68 kDa (PMID: 23919497, PMID: 26444413).

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

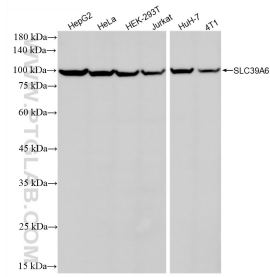
For technical support and original validation data for this product please contact:

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87340-1-RR (SLC39A6/ZIP6 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 87340-1-PBS in a different storage buffer formulation.