

For Research Use Only

# SLC39A6/ZIP6 Recombinant monoclonal antibody, PBS Only

Catalog Number: 87340-1-PBS



## Basic Information

Catalog Number:

87340-1-PBS

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC039498

GeneID (NCBI):

25800

UNIPROT ID:

Q13433

Full Name:

solute carrier family 39 (zinc transporter), member 6

Calculated MW:

85 kDa

Observed MW:

86-100 kDa

Purification Method:

Protein A purification

CloneNo.:

252505E9

## 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.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

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

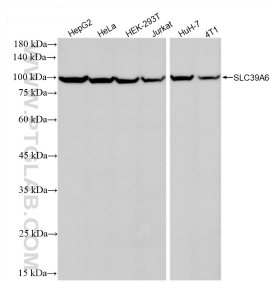
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

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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.