

For Research Use Only

SLC39A6/ZIP6 Recombinant monoclonal antibody

Catalog Number: 87340-1-RR



Basic Information

Catalog Number:

87340-1-RR

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

Recommended Dilutions:

WB: 1:1000-1:8000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse

Positive Controls:

WB : HepG2 cells, HeLa cells, HEK-293T cells, Jurkat cells, HuH-7 cells, 4T1 cells

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 -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

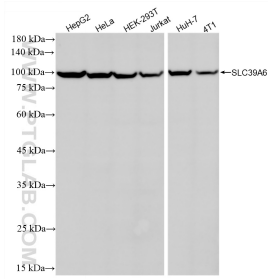
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Selected Validation Data



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.