ZIP4 Polyclonal ANTIBODY

Catalog Number: 20625-1-AP  Featured Product  2 Publications

Basic Information
Catalog Number: 20625-1-AP
Size: 77 μg/150 μl
Source: Rabbit
Isotype: IgG
Purification Method: Antigen affinity purification
Immunogen Catalog Number: AG14524

GeneBank Accession Number: BC062625
GeneID (NCBI): 55630
Full Name: solute carrier family 39 (zinc transporter), member 4
Calculated MW: 647aa, 68 kDa
Observed MW: 60 kDa

Recommended Dilutions:
WB 1:1000-1:4000
IHC 1:50-1:500

Applications
Tested Applications: IHC, WB, ELISA
Cited Applications: IF, IHC, WB
Species Specificity: human, mouse
Cited Species: human, mouse

Background Information
ZIP4 is a zinc transporter encoded by the SLC39A4 gene, playing an important role in zinc homeostasis in mammalian cells. Recently, many studies have indicated that ZIP4 plays important roles in many kinds of carcinoma development and progression. ZIP4 may serve as a potential diagnostic and prognostic marker for gliomas and pancreatic cancer.

Notable Publications
<table>
<thead>
<tr>
<th>Author</th>
<th>PubMed ID</th>
<th>Journal</th>
<th>Application</th>
</tr>
</thead>
<tbody>
<tr>
<td>Qinpeng Fan</td>
<td>29163813</td>
<td>Oncotarget</td>
<td>WB, IHC</td>
</tr>
<tr>
<td>Mingyang Liu</td>
<td>29615456</td>
<td>Clin Cancer Res</td>
<td>WB, IHC, IF</td>
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Storage
Store at -20ºC. Stable for one year after shipment.
Storage Buffer: PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20ºC storage.

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

WB result of ZIP4 antibody (20625-1-AP, 1:2000) with si-control and si-ZIP4 transfected Colo320 cells.

Immunohistochemistry of paraffin-embedded human liver cancer tissue slide using 20625-1-AP ZIP4 antibody at dilution of 1:200 (under 10x lens).

Immunohistochemistry of paraffin-embedded human liver cancer tissue slide using 20625-1-AP ZIP4 antibody at dilution of 1:200 (under 40x lens).