

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-SLC39A5



Numéro de catalogue: 17285-1-AP

1 Publications

## Informations de base

<b>Numéro de catalogue:</b> 17285-1-AP	<b>Numéro d'acquisition GenBank:</b> BC027884	<b>Méthode de purification:</b> Purification par affinité contre l'antigène
<b>Taille:</b> 150ul , Concentration: 400 µg/ml by Nanodrop;	<b>Identification du gène (NCBI):</b> 283375	<b>Dilutions recommandées:</b> WB 1:500-1:1000
<b>Hôte:</b> Lapin	<b>Nom complet:</b> solute carrier family 39 (metal ion transporter), member 5	
<b>Isotype:</b> IgG	<b>MW calculé:</b> 539 aa, 56 kDa	
<b>Immunogen Catalog Number:</b> AG11067	<b>MW observés:</b> 70 kDa	

## Applications

### Applications testées:

WB, ELISA

### Demandes citées:

WB

### Spécificité de l'espèce:

Humain, rat, souris

### Contrôles positifs:

WB : tissu rénal de souris, tissu hépatique de rat, tissu hépatique de souris, tissu pancréatique de rat, tissu pancréatique de souris, tissu rénal de rat

## Informations générales

SLC39A5 (Zip5) belongs to the ZIP family of metal ion transporters which function to transport zinc and/or other metal ion substrates from the extracellular space or organellar lumen into the cytoplasm. Most of ZIP members have eight predicted transmembrane domains and similar predicted topologies with the N- and C-termini of the protein located on the extracytoplasmic face of the membrane. Zip5 is a zinc uptake transporter that is specific for Zn(II) over other potential metal ion substrates. ZIP5 gene is most actively expressed in tissues involved in zinc homeostasis (intestine, visceral endoderm, pancreas) but is not induced during zinc deficiency. ZIP5 is localized to the basolateral surface of these cells under zinc-replete conditions but is internalized during periods of dietary zinc deficiency. These observations suggest that Zip5 plays a central role in controlling organismal zinc status. This antibody was generated against the N-terminal region of human SLC39A5 and is predicted to detect the endogenous level of SLC39A5 protein. The calculated molecular weight of SLC39A5 is 56 kDa. With glycosylation modification, the molecular weight of SLC39A5 will be migrated to 70 kDa.

## Publications notables

Autrice	Pubmed ID	Journal	Application
Peng Wang	36290187	Animals (Basel)	WB

## Stockage

### Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

### Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

\*\*\* Les 20ul contiennent 0,1% de BSA.

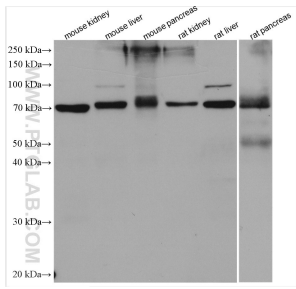
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## Données de validation sélectionnées



Various lysates were subjected to SDS PAGE followed by western blot with 17285-1-AP (SLC39A5 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.