

Nur für Forschungszwecke

SLC39A5 Polyklonaler Antikörper

Katalog-Nr.:17285-1-AP

1 Publikationen



Allgemeine Informationen

Katalog-Nr.: 17285-1-AP	GenBank-Zugangsnummer: BC027884	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul, Konzentration: 400 µg/ml von Nanodrop;	GeneID (NCBI): 283375	Empfohlene Verdünnungen: WB 1:500-1:1000
Wirt: Kaninchen	Vollständiger Name: solute carrier family 39 (metal ion transporter), member 5	
Isotyp: IgG	Berechnete Masse: 539 aa, 56 kDa	
Immunogen Katalognummer: AG11067	Beobachtete Masse: 70 kDa	

Anwendungen

Geprüfte Anwendungen:

WB, ELISA

In Publikationen genannte Anwendungen:

WB

Getestete Reaktivität:

Human, Maus, Ratte

Positivkontrollen:

WB : Mausnierengewebe, Mauslebergewebe, Maus-Pankreasgewebe, Rattenlebergewebe, Rattennierengewebe, Ratten-Pankreasgewebe

Hintergrundinformationen

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.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Peng Wang	36290187	Animals (Basel)	WB

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

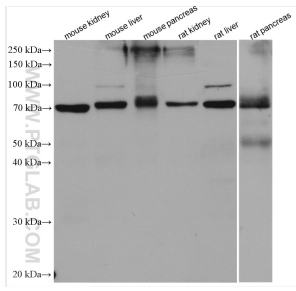
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Ausgewählte Validierungsdaten



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.