

Allgemeine Informationen

Katalog-Nr.: 81609-1-RR	GenBank-Zugangsnummer: BC002592	Reinigungsmethode: Protein-A-Reinigung
Größe: 100ul , Konzentration: 1000 µg/ml von4891 Nanodrop;	GeneID (NCBI): 4891	CloneNo.: 1113
Wirt: Kaninchen	Vollständiger Name: solute carrier family 11 (proton-coupled divalent metal ion transporters), member 2	Empfohlene Verdünnungen: WB 1:5000-1:50000 IP 0.5-4.0 ug für IP und 1:1000-1:4000 für WB
Isotyp: IgG	Berechnete Masse: 568 aa, 62 kDa	
Immunogen Katalognummer: AG14314	Beobachtete Masse: 70 kDa	

Anwendungen

Geprüfte Anwendungen:

IP, WB, ELISA

Getestete Reaktivität:

Human, Maus, Ratte

Positivkontrollen:

WB : HeLa-Zellen, Caco-2-Zellen, HEK-293-Zellen, HepG2-Zellen, HuH-7-Zellen, Neuro-2a-Zellen

IP : HEK-293-Zellen,

Hintergrundinformationen

SLC11A2 (also known as DMT1, Nramp2, and DCT1) is a member of the divalent cation transporters that plays a central role in iron homeostasis. SLC11A2 is widely expressed in many tissues including brain, kidney, testis, duodenum and placenta. As a membrane protein, SLC11A2 is localized on the apical membrane of enterocytes as well as in transferrin-cycle endosomes. Four isoforms of SLC11A2 exist due to the alternative splicing. They differ at the NH2 and COOH termini but share a common central domain. A variety of molecular weights of SLC11A2 in western blot analysis, ranging from 50 to 100 kDa, has been reported in different cells and species. The differences in molecular weights may be attributed to the level of glycosylation, proteolysis, or the membrane protein itself. This antibody detected various forms of SLC11A2 of 45-100 kDa.

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

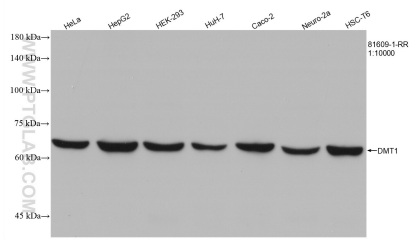
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

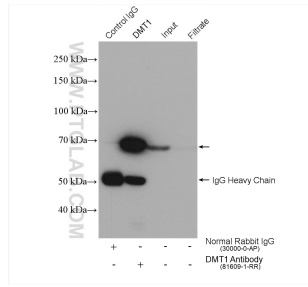
E: proteintech@ptglab.com
W: ptglab.com

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

Ausgewählte Validierungsdaten



Various lysates were subjected to SDS PAGE followed by western blot with 81609-1-RR (DMT1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



IP result of anti-DMT1(IP:81609-1-RR, 4ug; Detection:81609-1-RR 1:2000) with HEK-293 cells lysate 1480 ug.