

Nur für Forschungszwecke

TMEM175 Monoklonaler Antikörper

Katalog-Nr.: 68172-1-Ig

Vorgestelltes Produkt



Allgemeine Informationen

Katalog-Nr.: 68172-1-Ig	GenBank-Zugangsnummer: BC005158	Reinigungsmethode: Protein-G-Reinigung
Größe: 150ul, Konzentration: 1000 µg/ml von 84286 Nanodrop;	GeneID (NCBI): 84286	CloneNo.: 1E7E1
Wirt: Maus	Vollständiger Name: transmembrane protein 175	Empfohlene Verdünnungen: WB 1:2000-1:10000
Isotyp: IgG1	Berechnete Masse: 504 aa, 56 kDa	
Immunogen Katalognummer: AG13890	Beobachtete Masse: 55-60 kDa	

Anwendungen

Geprüfte Anwendungen: WB, ELISA	Positivkontrollen: WB: LNCaP-Zellen, Hausschwein-Lebergewebe, HEK-293-Zellen, HeLa-Zellen, HepG2-Zellen, Jurkat-Zellen, Kaninchenlebergewebe, Rattenlebergewebe
Getestete Reaktivität: Hausschwein, Human, Kaninchen, Maus, Ratte	

Hintergrundinformationen

TMEM175 has two repeats of 6-transmembrane-spanning segments and has no GYG K⁺ channel sequence signature-containing, pore-forming P loop. Lysosomes lacking TMEM175 exhibit no K⁺ conductance, have a markedly depolarized $\Delta\Psi$ and little sensitivity to changes in [K⁺], and have compromised luminal pH stability and abnormal fusion with autophagosomes during autophagy. TMEM175 comprises a K⁺ channel that underlies the molecular mechanism of lysosomal K⁺ permeability.

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



WB result of TMEM175 antibody (68172-1-Ig; 1:30000; incubated at room temperature for 1.5 hours) with sh-Control and sh-TMEM175 transfected HepG2 cells.

Various lysates were subjected to SDS PAGE followed by western blot with 68172-1-Ig (TMEM175 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control.