

Nur für Forschungszwecke

SLC36A4 Polyklonaler Antikörper

Katalog-Nr.: 24066-1-AP



Allgemeine Informationen

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|------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|----------------------------------------------------------|
| Katalog-Nr.: 24066-1-AP | GenBank-Zugangsnummer: BC047374 | Reinigungsmethode: Antigen-affinitätsgereinigt |
| Größe: 150ul, Konzentration: 200 µg/ml von Nanodrop und 180 µg/ml durch die Bradford-Methode mit BSA als Standard; | GeneID (NCBI): 120103 | Empfohlene Verdünnungen: WB 1:500-1:2000 |
| Wirt: Kaninchen | Vollständiger Name: solute carrier family 36 (proton/amino acid symporter), member 4 | |
| Isotyp: IgG | Berechnete Masse: 504 aa, 56 kDa | |
| Immunogen Katalognummer: AG21142 | Beobachtete Masse: 41-66 kDa | |

Anwendungen

| | |
|-------------------------------------------|---------------------------------------------------------------------------|
| Geprüfte Anwendungen: WB, ELISA | Positivkontrollen: WB: A549-Zellen, HEK-293-Zellen, PC-3-Zellen |
| Getestete Reaktivität: Human | |

Hintergrundinformationen

SLC36A4 (also known as proton-coupled amino-acid transporter 4, PAT4), is a member of the solute carrier (SLC) 36 family which functions as transporter for amino acids and derivatives. SLC36A4 is widely distributed at the mRNA level in normal tissues and many cancer cell lines. It modulates the mTORC1 signaling and is essential for the proliferation of cancer cells. In addition, small GTPase Rab12 controls the degradation of SLC36A4, which indirectly modulates mTORC1 activity and autophagy. This antibody can recognize the endogenous SLC36A4 protein in multiple cell lines.

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

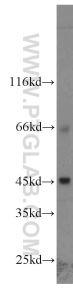
For technical support and original validation data for this product please contact:

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Ausgewählte Validierungsdaten



A549 cells were subjected to SDS PAGE followed by western blot with 24066-1-AP (SLC36A4 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.