

Nur für Forschungszwecke

Sortilin Polyklonaler Antikörper

Katalog-Nr.:12369-1-AP

Vorgestelltes Produkt

8 Publikationen



Allgemeine Informationen

Katalog-Nr.:
12369-1-AP

Größe:

150ul, Konzentration: 260 µg/ml von
Nanodrop und 233 µg/ml durch die
Bradford-Methode mit BSA als
Standard;

Wirt:

Kaninchen

Isotyp:

IgG

Immunogen Katalognummer:
AG2997

GenBank-Zugangsnummer:

BC023542

GeneID (NCBI):

6272

Vollständiger Name:

sortilin 1

Berechnete Masse:

831 aa, 92 kDa

Beobachtete Masse:

100-110 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:2000-1:16000

IP 0.5-4.0 µg für IP und 1:500-1:1000
für WB

IHC 1:500-1:2000

IF 1:200-1:800

Anwendungen

Geprüfte Anwendungen:

FC, IF, IHC, IP, WB, ELISA

In Publikationen genannte Anwendungen:

IF, WB

Getestete Reaktivität:

Human, Maus, Ratte

Zitierte Arten:

Human, Maus

**Hinweis-IHC: Antigendemaskierung mit TE-
Puffer pH 9,0 empfohlen. (*) Wahlweise
kann die Antigendemaskierung auch mit
Citratpuffer pH 6,0 erfolgen.**

Positivkontrollen:

WB : Maushirngewebe, humanes Hirngewebe,
Rattenhirngewebe

IP : Rattenhirngewebe,

IHC : Maushirngewebe, humanes Hirngewebe,
Rattenhirngewebe

IF : Maushirngewebe,

Hintergrundinformationen

Sortilin 1 (SORT1), is a trans-Golgi network (TGN) transmembrane protein and is a member of the Vps10p domain receptor family. SORT1 binds a number of unrelated ligands that participate in a wide range of cellular processes. It functions as a sorting receptor in the Golgi compartment and as a clearance receptor on the cell surface.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Hiroyuki Obata	36185767	Exp Ther Med	IF
Keiji Uchiyama	28665987	PLoS Pathog	WB,IF
Noah R Johnson	29203673	Proc Natl Acad Sci U S A	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

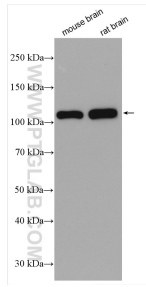
For technical support and original validation data for this product please contact:

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

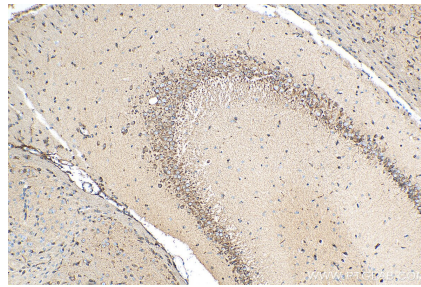
E: proteintech@ptglab.com
W: ptglab.com

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

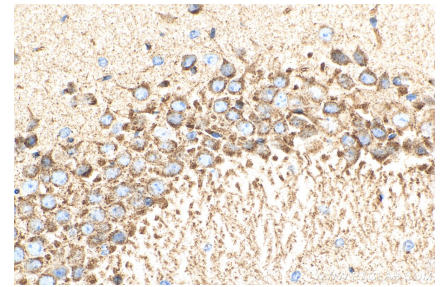
Ausgewählte Validierungsdaten



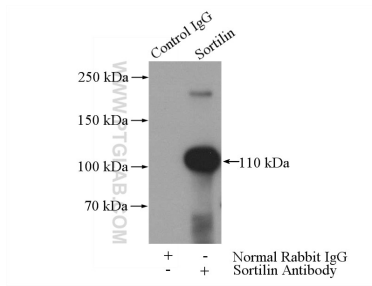
Various lysates were subjected to SDS PAGE followed by western blot with 12369-1-AP (Sortilin antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



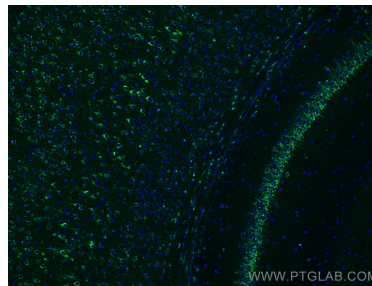
Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 12369-1-AP (Sortilin antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



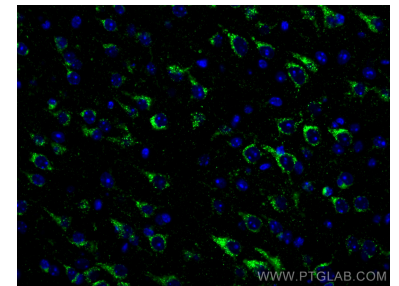
Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 12369-1-AP (Sortilin antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



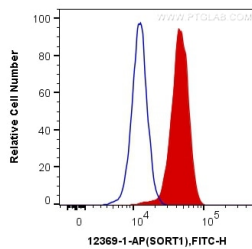
IP Result of anti-Sortilin (IP:12369-1-AP, 4ug; Detection:12369-1-AP 1:500) with rat brain tissue lysate 4000ug.



Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using Sortilin antibody (12369-1-AP) at dilution of 1:400 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using Sortilin antibody (12369-1-AP) at dilution of 1:400 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



1×10^6 Neuro-2a cells were intracellularly stained with 0.2 ug Anti-Human Sortilin (12369-1-AP) and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (red), or 0.2 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).