

Sortilin Polyclonal Antibody

Catalog number: 12369-1-AP

Size: 20 µg/150 µl

Source: Rabbit

Isotype: IgG

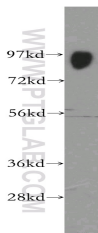
Synonyms:

SORT1; 100 kDa NT receptor,

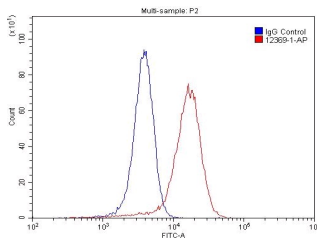
Glycoprotein 95, Gp95,

Neurotensin receptor 3, NT3,

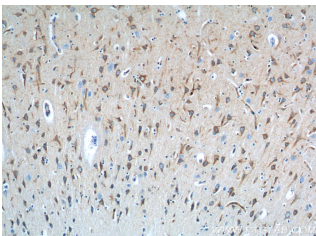
NTR3, SORT1, Sortilin, sortilin 1



human brain tissue were subjected to SDS PAGE followed by western blot with 12369-1-AP(SORT1 antibody) at dilution of 1:1200



1X10⁶ SH-SY5Y cells were stained with 0.2µg SORT1 antibody (12369-1-AP, red) and control antibody (blue). Fixed with 4% PFA blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1500.



Immunohistochemistry of paraffin-embedded human brain tissue slide using 12369-1-AP(SORT1 Antibody) at dilution of 1:100 (under 10x lens).

Background

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.

Applications

Tested applications:	ELISA, WB, IP, IHC, FC
Cited applications:	WB
Species specificity:	Human, Mouse, Rat; other species not tested.
Cited species:	Human
Calculated Sortilin MW:	831aa, 92 kDa
Observed Sortilin MW:	92 kDa
Positive WB detected in	Human brain tissue, rat brain tissue
Positive IP detected in	Rat brain tissue
Positive IHC detected in	Human brain tissue, human lung cancer tissue
Positive FC detected in	SH-SY5Y cells
Recommended dilution:	WB: 1:500-1:5000
	IP: 1:200-1:2000
	IHC: 1:50-1:500
	FC: N/A

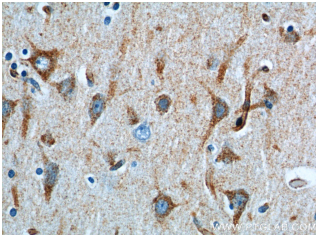
Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

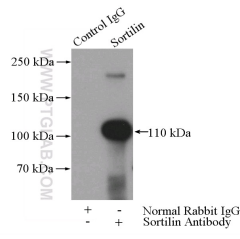
Immunogen:	Ag2997
GenBank accession number:	BC023542
Gene ID (NCBI):	6272
Full name:	Sortilin 1

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3. Store at -20°C.



Immunohistochemistry of paraffin-embedded human brain tissue slide using 12369-1-AP (SORT1 Antibody) at dilution of 1:100 (under 40x lens).



IP Result of anti-SORT1 (IP:12369-1-AP, 4ug; Detection:12369-1-AP 1:500) with rat brain tissue lysate 4000ug.