

VAMP4 Polyclonal Antibody

Catalog number: 10738-1-AP

Size: 20 µg/150 µl

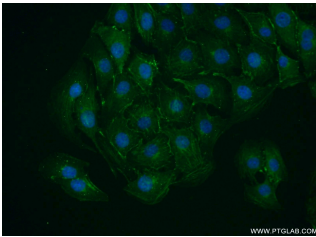
Source: Rabbit

Isotype: IgG

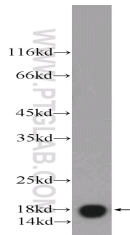
Synonyms:

VAMP4; VAMP 4, VAMP24,

VAMP4



Immunofluorescent analysis of SH-SY5Y cells using 10738-1-AP (VAMP4 Antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



mouse testis tissue were subjected to SDS PAGE followed by western blot with 10738-1-AP (VAMP4 Antibody) at dilution of 1:600

Background

VAMP4 is a member of the vesicle-associated membrane protein (VAMP)/synaptobrevin family and the SNARE superfamily. Characterized by a common sequence called the SNARE motif, SNARE proteins are involved in membrane fusion and vesicular transport (PMID: 11252968). VAMP4 may play a role in trans-Golgi network to endosome transport.

Applications

Tested applications:	ELISA, IF, WB
Species specificity:	Human, Mouse, Rat; other species not tested.
Calculated VAMP4 MW:	16 kDa
Observed VAMP4 MW:	18 kDa
Positive WB detected in	Mouse testis tissue, mouse brain tissue, SH-SY5Y cells
Positive IF detected in	SH-SY5Y cells
Recommended dilution:	WB: 1:200-1:2000 IF: 1:20-1:200

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

Immunogen information

Immunogen:	Ag1090
GenBank accession number:	BC007019
Gene ID (NCBI):	8674
Full name:	Vesicle-associated membrane protein 4

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.