

VAMP3/Cellubrevin Polyclonal Antibody

Catalog number: 10702-1-AP

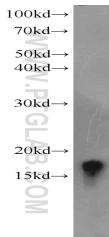
Size: 52 µg/150 µl

Source: Rabbit

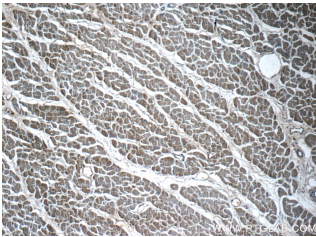
Isotype: IgG

Synonyms:

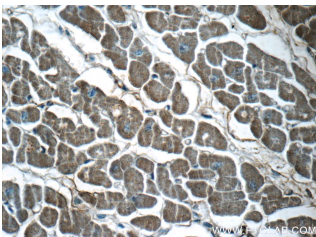
VAMP3; CEB, Cellubrevin,
SYB3, Synaptobrevin 3, VAMP
3, VAMP3



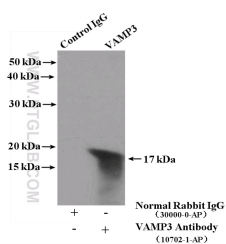
HEK-293 cells were subjected to SDS PAGE followed by western blot with 10702-1-AP (VAMP3 antibody) at dilution of 1:1000



Immunohistochemistry of paraffin-embedded human heart tissue slide using 10702-1-AP (VAMP3 Antibody) at dilution of 1:50 (under 10x lens)



Immunohistochemistry of paraffin-embedded human heart tissue slide using 10702-1-AP (VAMP3 Antibody) at dilution of 1:50 (under 40x lens)



IP Result of anti-VAMP3

(IP:10702-1-AP, 4µg;

Background

VAMP3, also named as cellubrevin or synaptobrevin 3, is a member of the vesicle-associated membrane protein (VAMP)/synaptobrevin family. VAMP3 is a v-SNARE (soluble NSF-attachment protein receptor). Characterized by a common sequence called the SNARE motif, SNARE proteins are involved in membrane fusion and vesicular transport (PMID: 11252968). VAMP3 resides in recycling endosomes and endosome-derived transport vesicles, involved in regulating membrane traffic. It is implicated in recycling of transferrin receptors, secretion of alpha-granules in platelets, and membrane trafficking during cell migration.

Applications

Tested applications:	ELISA, WB, IHC, IP
Cited applications:	WB
Species specificity:	Human, Mouse, Rat; other species not tested.
Cited species:	Human
Calculated	11 kDa
VAMP3/Cellubrevin MW:	
Observed	11-17 kDa
VAMP3/Cellubrevin MW:	
Positive WB detected in	HEK-293 cells, MCF7 cells, mouse brain tissue
Positive IP detected in	HEK-293 cells
Positive IHC detected in	Human heart tissue, human kidney tissue
Recommended dilution:	WB: 1:200-1:2000
	IP: 1:500-1:5000
	IHC: 1:20-1:200

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

Immunogen information

Immunogen:	Ag1156
GenBank accession number:	BC005941
Gene ID (NCBI):	9341
Full name:	Vesicle-associated membrane protein 3 (cellubrevin)

Product information

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

Detection:10702-1-AP 1:1000)
with HEK-293 cells lysate
3000ug.