

## VAMP4 antibody

Cat. No. GTX23348

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-P, FCM, IHC
Reactivity	Human, Mouse, Rat

Package  
100 µg

## Applications

## Application Note

\*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	0.5-3 µg/ml
ICC/IF	2 µg/ml
IHC-P	1:100
FCM	3-5 µg/10 <sup>6</sup> cells
IHC	Assay dependent

**Note : ICC/IF staining with this antibody requires saponin permeabilization.**

Not tested in other applications.

**Calculated MW** 16 kDa. ( [Note](#) )

## Properties

Form	Liquid
Buffer	PBS, 0.1% BSA
Preservative	0.05% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant rat VAMP-4 protein.
Purification	Purified by antigen-affinity chromatography
Conjugation	Unconjugated

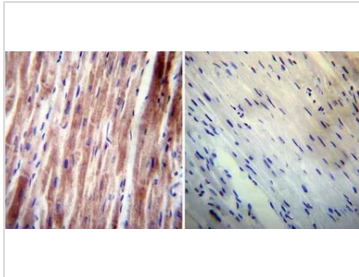


For full product information, images and publications, please visit our [website](#).

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

**Note**

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

**DATA IMAGES**

**GTX23348 IHC-P Image**

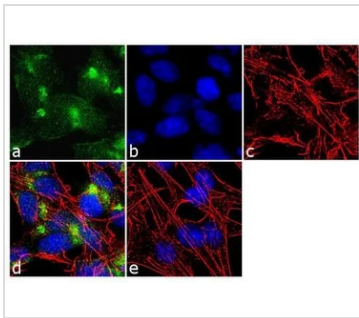
IHC-P analysis of human heart tissue using GTX23348 VAMP4 antibody.

Left : Primary antibody

Right : Negative control without primary antibody

Antigen retrieval : heat induced antigen retrieval was performed using 10mM sodium citrate (pH6.0) buffer, microwaved for 8-15 minutes

Dilution : 1:200


**GTX23348 ICC/IF Image**

ICC/IF analysis of SH-SY5Y cells using GTX23348 VAMP4 antibody. Panel e is a no primary antibody control.

Green : Primary antibody

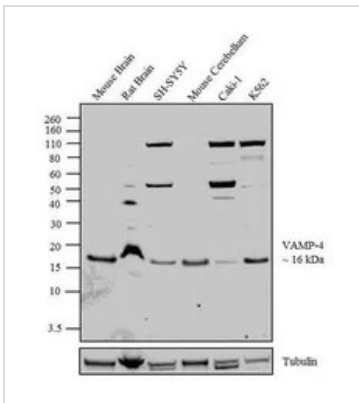
Blue : Nuclei

Red : Actin

Fixation : 4% paraformaldehyde

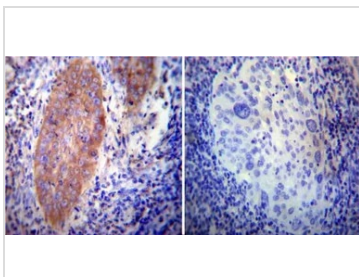
Permeabilization : 0.1% Triton X-100 for 10 minute

Dilution : 2 µg/ml in 0.1% BSA and incubated for 3 hours at room temperature


**GTX23348 WB Image**

WB analysis of acid extracts (40 µg lysate) of Mouse Brain (Lane 1), Rat Brain (Lane 2), SH-SY5Y (Lane 3), Mouse Cerebellum (Lane 4), Caki-1 (Lane 5) and K562 (Lane 6) using GTX23348 VAMP4 antibody.

Dilution : 0.5-3 µg/ml


**GTX23348 IHC-P Image**

IHC-P analysis of human cervical carcinoma tissue using GTX23348 VAMP4 antibody.

Left : Primary antibody

Right : Negative control without primary antibody

Antigen retrieval : heat induced antigen retrieval was performed using 10mM sodium citrate (pH6.0) buffer, microwaved for 8-15 minutes

Dilution : 1:200



For full product information, images and publications, please visit our [website](https://www.genetex.com).