

Recombinant

DGRmAb®

**VAMP2 (DGR19291) Rabbit mAb**

db11219

Package : 10µL 20µL 50µL 100µL

**Product Name :** VAMP2 (DGR19291) Rabbit mAb**Cat.No.:** db11219**Synonyms :** SYB2; VAMP-2**Application :** WB, ICC/IF, FC, IP**Reactivity :** Human,Mouse,Rat**Host species :** Rabbit**Background**

The protein encoded by this gene is a member of the vesicle-associated membrane protein (VAMP)/synaptobrevin family. Synaptobrevins/VAMPs, syntaxins, and the 25-kD synaptosomal-associated protein SNAP25 are the main components of a protein complex involved in the docking and/or fusion of synaptic vesicles with the presynaptic membrane. This gene is thought to participate in neurotransmitter release at a step between docking and fusion. The protein forms a stable complex with syntaxin, synaptosomal-associated protein, 25 kD, and synaptotagmin. It also forms a distinct complex with synaptophysin. It is a likely candidate gene for familial infantile myasthenia (FIMG) because of its map location and because it encodes a synaptic vesicle protein of the type that has been implicated in the pathogenesis of FIMG. [provided by RefSeq, Jul 2008]

**Immunogen**

A synthetic peptide of human VAMP2

**Gene ID**

6844

**Swiss Prot**

P63027

**Synonyms**

SYB2; VAMP-2

**Reactivity**

Human,Mouse,Rat

**Application**

WB, ICC/IF, FC, IP

**Recommended dilution**

WB: 1:2000-1:20000

ICC/IF: 1:100-1:200

FC: 1:100

IP: 1:100-1:200

**Calculated MW**

13 kDa

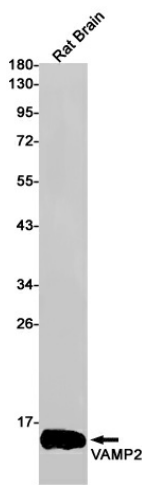
**Observed MW**

13 kDa

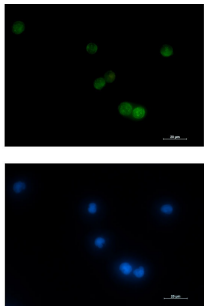
**Host species**

Rabbit

Clonality	Monoclonal
Clonality No.	DGR19291
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



Western blot detection of VAMP2 in Rat Brain lysates using VAMP2 antibody(1:1000 diluted).



Immunofluorescent analysis of Jurkat cells using db11219 antibody (green), and DAPI (blue).