

Recombinant

DGRmAb®

VAMP2 (DGR31251) Rabbit mAb

db11222

Package : 10µL 20µL 50µL 100µL

Product Name : VAMP2 (DGR31251) Rabbit mAb**Cat.No.:** db11222**Synonyms :** SYB2; VAMP-2; NEDHAHM**Application :** WB, IHC-P, 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; NEDHAHM

Reactivity

Human,Mouse,Rat

Application

WB, IHC-P, IP

Recommended dilutionWB: 1:1000
IHC-P: 1:200-1:2000
IP: 1:20-1:50**Calculated MW**

13 kDa

Observed MW

13 kDa

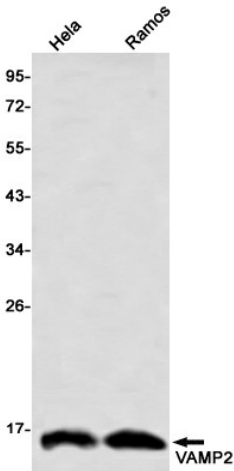
Host species

Rabbit

Clonality

Monoclonal

Clonality No.	DGR31251
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 HeLa,,Ramos using VAMP2 antibody(1:1000 diluted)