

Recombinant

DGRmAb®

## Synaptophysin (DGR15438) Rabbit mAb

db11816

Package : 10µL 20µL 50µL 100µL

**Product Name** : Synaptophysin (DGR15438) Rabbit mAb**Cat.No.:** db11816**Synonyms** : MRX96; MRXSYP**Application** : WB, IHC, ICC/IF**Reactivity** : Human, Mouse, Rat**Host species** : Rabbit**Background**

This gene encodes an integral membrane protein of small synaptic vesicles in brain and endocrine cells. The protein also binds cholesterol and is thought to direct targeting of vesicle-associated membrane protein 2 (synaptobrevin) to intracellular compartments. Mutations in this gene are associated with an X-linked form of cognitive disability. [provided by RefSeq, Jul 2017]

**Immunogen**

A synthetic peptide of human Synaptophysin

**Gene ID**

6855

**Swiss Prot**

P08247

**Synonyms**

MRX96; MRXSYP

**Reactivity**

Human, Mouse, Rat

**Application**

WB, IHC, ICC/IF

**Recommended dilution**

WB: 1:2000-1:10000

IHC: 1:20

ICC/IF: 1:20

**Calculated MW**

34 kDa

**Observed MW**

38 kDa

**Host species**

Rabbit

**Clonality**

Monoclonal

**Clonality No.**

DGR15438

**Isotype**

IgG

**Purity**

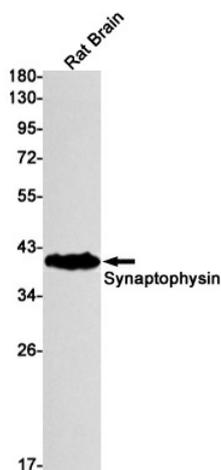
Affinity Purification

**Conjugation**

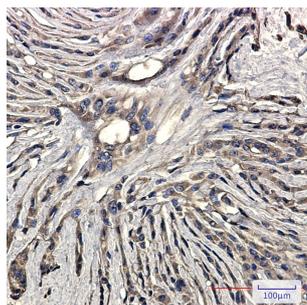
Un-conjugated

**Storage Stability**

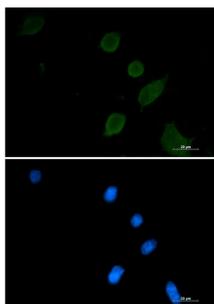
Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



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



Immunohistochemical analysis of paraffin-embedded human Brain using db11816 antibody.



Immunofluorescent analysis of 3T3 cells using db11816 antibody (green), and DAPI (blue).