

## Recombinant Synaptophysin Monoclonal Antibody

catalog number: AN300614L

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

### Description

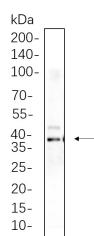
Reactivity	Human;Mouse;Rat
Immunogen	Recombinant Human Synaptophysin protein
Host	Rabbit
Isotype	IgG, $\kappa$
Clone	B549
Purification	Protein A
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

### Applications

### Recommended Dilution

IHC	1:2000-1:50000
WB	1:2000-1:10000
IF	1:200-1:1000
ELISA	1:5000-1:20000

### Data



Western Blot with Recombinant Synaptophysin Monoclonal

Antibody at dilution of 1:1000 dilution. Lane A: SH-SY5Y  
whole cell lysate.

**Observed-MW:38 kDa**

**Calculated-MW:34 kDa**

### Preparation & Storage

**Storage** Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

**Shipping** Ice bag

### 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 X-linked mental retardation (XLMR).

### For Research Use Only

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