

# SYT7 Rabbit pAb

Catalog No.: A12757

## Basic Information

### Observed MW

47kDa

### Calculated MW

46kDa

### Category

Primary antibody

### Applications

WB, ELISA

### Cross-Reactivity

Human

## Background

This gene is a member of the synaptotagmin gene family and encodes a protein similar to other family members that mediate calcium-dependent regulation of membrane trafficking in synaptic transmission. A similar protein in rodents mediates hormone secretion and lysosome exocytosis. In humans, expression of this gene has been associated with prostate cancer. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.

## Recommended Dilutions

**WB** 1:500 - 1:1000

**ELISA** Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

### Gene ID

9066

### Swiss Prot

O43581

### Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

### Synonyms

IPCA7; IPCA-7; SYTVII; PCANAP7; SYT-VII; SYT7

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

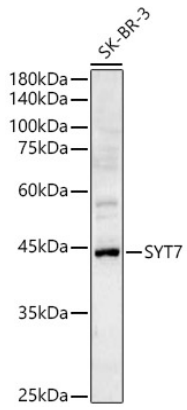
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

## Validation Data

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Western blot analysis of lysates from SK-BR-3 cells, using SYT7 Rabbit pAb (A12757) at 1:1000 dilution.  
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 180s.