

## Anti-Synaptophysin/SYP Antibody (9G387)

## Product Details

Ig Type:	mFc2a
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	9G387
Purification:	Affinity-chromatography

## Applications

Verified Activity:	<ol style="list-style-type: none"><li>Western Blot<ul style="list-style-type: none"><li>-Positive WB detected in: A549 whole cell lysate</li><li>-All lanes: SYP antibody at 1:500</li><li>-Secondary: Goat polyclonal to mouse IgG at 1/50000 dilution</li><li>-Predicted band size: 34 kDa</li><li>-Observed band size: 34 kDa</li></ul></li><li>IHC image of TMAH-01153 diluted at 1:200 and staining in paraffin-embedded human colorectal cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a Goat anti-Mouse IgG labeled by HRP and visualized using 0.05% DAB.</li><li>Immunofluorescence staining of Hela cell with TMAH-01153 at 1:200, counter-stained with DAPI. The cells were fixed in 4% formaldehyde and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was FITC-conjugated AffiniPure Goat Anti-Mouse IgG(H+L).</li></ol>
Application:	ELISA, WB, IHC, IF
Recommended	WB:1:500-1:2000; IHC:1:50-1:200; IF:1:50-1:200.

## Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

## Antigen Details

Immunogen:	Recombinant Protein: Human SYP Protein
Antigen Species:	Human
Gene ID:	6855
Uniprot ID:	P08247
Biology Area:	Neuroscience

Research Background

Possibly involved in structural functions as organizing other membrane components or in targeting the vesicles to the plasma membrane. Involved in the regulation of short-term and long-term synaptic plasticity.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481