

## Anti-Phospho-SYN1-Ser9 antibody (3-52 aa) (STJ90417)

### GENERAL INFORMATION

|               |                    |
|---------------|--------------------|
| Product Type  | Primary antibodies |
| Applications  | WB/IHC/IF/ELISA    |
| Host / Source | Rabbit             |
| Reactivity    | Human/Mouse/Rat    |

### PRODUCT PROPERTIES

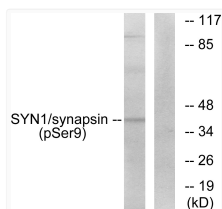
|                     |                                                                                                                       |
|---------------------|-----------------------------------------------------------------------------------------------------------------------|
| Clonality           | Polyclonal                                                                                                            |
| Concentration       | 1 mg/mL                                                                                                               |
| Conjugation         | Unconjugated                                                                                                          |
| Purification        | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| Dilution Range      | WB 1:500-1:2000<br>IHC 1:100-1:300<br>IF 1:200-1:1000<br>ELISA 1:20000                                                |
| Formulation         | Liquid in PBS containing 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.                                               |
| Isotype             | IgG                                                                                                                   |
| Molecular Weight    | Observed: 77kD                                                                                                        |
| Storage Instruction | Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.                        |

### TARGET INFORMATION

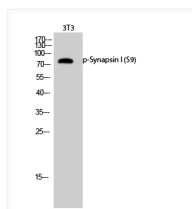
|                  |                                                                                                                             |
|------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Gene ID          | <a href="#">6853</a>                                                                                                        |
| Gene Symbol      | <a href="#">SYN1</a>                                                                                                        |
| UniProt ID       | <a href="#">SYN1_HUMAN</a>                                                                                                  |
| Immunogen Region | 3-52 aa                                                                                                                     |
| Specificity      | Phospho-Synapsin I (S9) Polyclonal Antibody detects endogenous levels of Synapsin I protein only when phosphorylated at S9. |

### ADDITIONAL INFORMATION

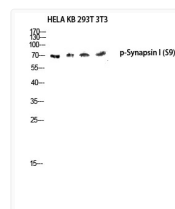
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



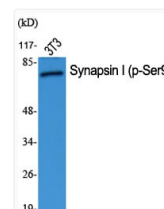
Western blot analysis of lysates from 293 cells treated with PMA 200nM 30', using Synapsin (Phospho-Ser9) Antibody. The lane on the right is blocked with the phospho peptide.



Western blot analysis of 3T3 cells using Phospho-Synapsin I (S9) Polyclonal Antibody diluted at 1:1000.



Western blot analysis of HELA KB 293T 3T3 lysis using Phospho-Synapsin I (S9) antibody. Antibody was diluted at 1:1000.



Western blot analysis of various cells using Phospho-Synapsin I (S9) Polyclonal Antibody diluted at 1:1000.