

### **Product Data Sheet**

# Anti-Synapsin 1 (Phospho-S553) Antibody

Catalog # Source Reactivity Applications

CPA5292 Rabbit H, M, R, B, D WB

**Description** Rabbit polyclonal antibody to Synapsin 1 (Phospho-S553)

Immunogen KLH-conjugated synthetic phosphopeptide corresponding to residues surrounding

S553 of human Synapsin 1 protein. The exact sequence is proprietary.

**Purification** The antibody was purified by immunogen affinity chromatography.

**Specificity** Recognizes endogenous levels of Synapsin 1 protein only when phosphorylated at

S553.

**Clonality** Polyclonal

**Conjugation** 

Form Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol,

and 0.01% sodium azide.

**Dilution** WB (1/500 - 1/1000)

Gene Symbol SYN1

Alternative Names Synapsin-1; Brain protein 4.1; Synapsin I

Entrez Gene 6853 (Human); 20964 (Mouse); 24949 (Rat)

SwissProt P17600 (Human); O88935 (Mouse); P09951 (Rat)

Storage/Stability Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid

freeze/thaw cycles.

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb-Rabbit, S- Sheep, Z- Zebrafish

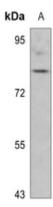
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Western blot analysis of Synapsin 1 (Phospho-S553) expression in rat brain (A) whole cell lysates. (Predicted band size: 74 kD; Observed band size: 77 kD)

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