

Rabbit Synapsin 1 Polyclonal Antibody | anti-SYN1 antibody

Anti-Synapsin 1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA260843	Rabbit	Human, Mouse, Rat, Bovine, Dog, Pig	Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

Synapsin 1; Polyclonal Antibody; Anti-Synapsin 1 Antibody; Synapsin-1; Brain protein 4.1; Synapsin I; anti-SYN1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat, Bovine, Dog, Pig
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of Synapsin 1 protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium Phosphate, 0.87% Sodium Chloride, pH 7.3, 30% Glycerol, and 0.01% Sodium Azide.
Sequence Length	705
Applicable Applications for anti-SYN1 antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human Synapsin 1. The exact sequence is proprietary.
Preparation and Storage	Upon receipt store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



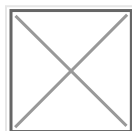
IF (Immunofluorescence)

Immunofluorescent analysis of Synapsin 1 staining in MCF7 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).



IHC (Immunohistochemistry)

Immunohistochemical analysis of Synapsin 1 staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of Synapsin 1 expression in Hela (A), mouse brain (B) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-SYN1 antibody	Rabbit polyclonal antibody to Synapsin 1
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NCBI AND UNIPROT INFORMATION

NCBI GI #	73920800
NCBI GeneID	6853
UniProt Accession #	P17600; O75825; Q5H9A9; B1AJQ1
NCBI Official Full Name	Synapsin-1
NCBI Official Synonym Full Names	synapsin I
NCBI Official Symbol	SYN1
NCBI Official Synonym Symbols	SYNI; SYN1a; SYN1b
NCBI Protein Information	synapsin-1
UniProt Protein Name	Synapsin-1
UniProt Gene Name	SYN1
UniProt Entry Name	SYN1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/synapsin-1-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/260843>