

Anti-Synaptophysin [SP15] Standard Size Ab00301-21.0

This antibody does not have a J-chain and therefore presents as a hexamer, rather than a pentamer.

Isotype and Format: Mouse IgM, Kappa

Clone Number: SP15

Alternative Name(s) of Target: SP; MRX6; MRXsynaptophysin

UniProt Accession Number of Target Protein:

Published Application(s): WB, ELISA, IHC

Published Species Reactivity: Cat, Hamster, Pig, Rat, Human

Immunogen: Crude synaptic preparation of post mortem human brain.

Specificity: This antibody binds to native, denatured and recombinant synaptophysin.

Application Notes:

Antibody First Published in: Wakabayashi et al. Synapse alterations in the hippocampal-entorhinal formation in Alzheimer's disease with and without Lewy body disease. Brain Res. 1994 Dec 19;667(1):24-32
[PMID:7895080](#)

Note on publication: Describes the use of this antibody in IHC on human brain affected by various pathologies (Alzheimer's Disease, Lewy body variant of Alzheimer's Disease and Lewy body disease).

Product Form

Size: 100 µg Purified antibody.

Purification: Affinity Purified using a recombinant lectin column

Supplied In: PBS with 0.02% Proclin 300.

Storage Recommendation: Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

Concentration: 1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.