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(54) Title: ANTIBODIES TO ALPHA-SYNUCLEIN AND USES THEREOF

(57) Abstract: The invention provides antibodies that specifically bind human I-synuclein with a high affinity and reduces I-synuclein spreading in vivo, recombinant polypeptides comprising said antibodies or antigen-binding fragment thereof and methods for generating such polypeptides, as well as compositions and methods for generating I-synuclein antibodies, and methods of using I-synuclein antibodies for the treatment of diseases of the central nervous system, in particular alpha-synucleinopathies.



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