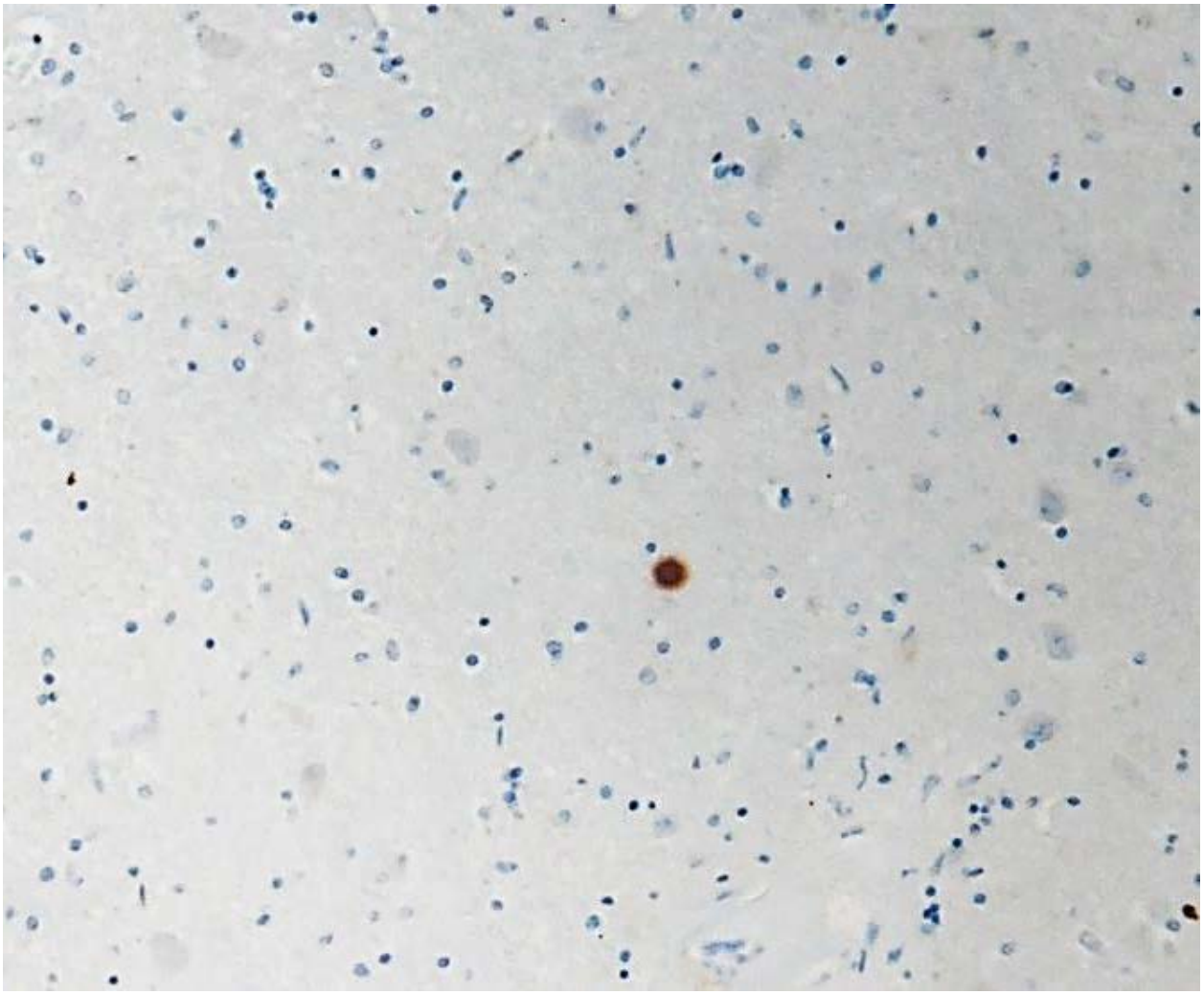
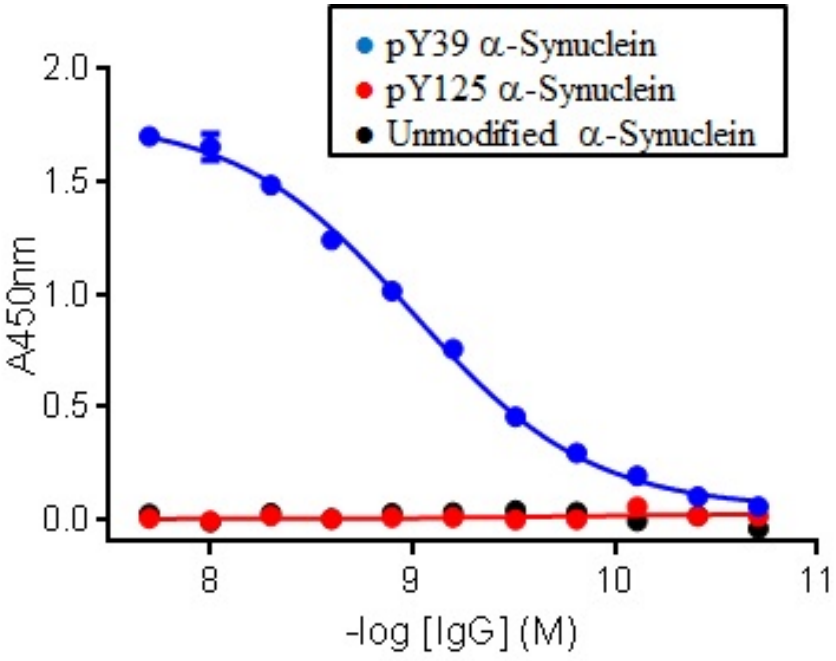
Purified anti-α-Synuclein Phospho (Tyr39) Antibody



IHC staining of α-synuclein deposits with purified anti-α-Synuclein Phospho (Tyr39) antibody (clone A15119B) on formalin-fixed, paraffin-embedded Parkinson's disease brain tissue. Following antigen retrieval using 70% formic acid, the tissue was incubated with the primary antibody at 5 µg/mL overnight at 4°C. Biolegend's Ultra-Streptavidin (USA) HRP kit was used for detection followed by hematoxylin counterstaining, according to the protocol provided.

Purified anti-α-Synuclein Phospho (Tyr39) Antibody



Direct ELISA of purified anti-α-Synuclein Phospho (Tyr39) antibody (clone A15119B) binding to plate-immobilized recombinant human unmodified and pY39 and pY125 α-synuclein proteins. ELISA was performed by coating wells with 150 ng of each recombinant α-synuclein protein. The wells were then incubated with the primary antibody at 37°C for one hour, followed by incubation with horseradish peroxidase labeled goat anti-mouse secondary antibody. 3, 3', 5, 5' tetramethylbenzidine (TMB) was used as the detection system.