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Quantification of p62-positive inclusions

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We use this protocol and it's working

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Abstract

Quantification of p62-positive inclusions in the rodent brain



- 1 Scan the 5um sections immunostained with guineapig anti-p62 (1:500, Progen #GP62-C), mouse anti- α -synuclein (1:500, BD Biosciences #610786) and TH (1:1000, Calbiochem #657012) using ZEISS LSM 980 with Airyscan 2.
- 2 Visualize the images with ZEN 2011 software (Zeiss, Germany) and determine one representative coronal section of the brain region of interest.
- 3 Determine the total number of p62-immunopositive Marinesco bodies (nuclear inclusions) and Lewy body-like inclusions (cytoplasmic inclusions) falling into each category (Syn-positive or Syn-negative) in that representative section.