

**Synuclein  $\alpha$  Antibody**

**Polyclonal Antibody**

**Cat.NO.: PA01199**

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3th Edition

**Description:** Synucleins are small, soluble proteins expressed primarily in neural tissue and in certain tumors. The family includes three known proteins:  $\alpha$ -synuclein,  $\beta$ -synuclein, and  $\gamma$ -synuclein. All synucleins have in common a highly conserved  $\alpha$ -helical lipid-binding motif with similarity to the class-A2 lipid-binding domains of the exchangeable apolipoproteins

**Antigen:** Recombinant human  $\alpha$ -Synuclein purified from E. coli

**Form:** Liquid. In Phosphate-Buffered Saline (pH 7.4) with 0.02% Sodium Azide, 10% Glycerol.

**How to use:** 1.0 ml distilled water will be added to the product

**Stability:** Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

**Dilution:** PBS (pH7.4) containing 1% BSA

**Application:** This antibody can be used for western blotting in concentration of 1 $\mu$ g/ml.

**Specificity:** This antibody is specific for  $\alpha$ -synuclein and does not cross-react with  $\beta$ - and  $\gamma$ -synuclein.