

## $\alpha$ -Synuclein polyclonal antibody

Catalog: BS8782

Host: Rabbit

Reactivity: Human, Mouse, Rat

### Background:

Alpha-synuclein is a member of the synuclein family, which also includes beta- and gamma-synuclein. Synucleins are abundantly expressed in the brain and alpha- and beta-synuclein inhibit phospholipase D2 selectively. SNCA may serve to integrate presynaptic signaling and membrane trafficking. Defects in SNCA have been implicated in the pathogenesis of Parkinson disease. SNCA peptides are a major component of amyloid plaques in the brains of patients with Alzheimer's disease. Alternatively spliced transcripts encoding different isoforms have been identified for this gene.

### Product:

1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

### Molecular Weight:

18KDa

### Swiss-Prot:

P37840

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB, 1:500 - 1:1000 | IF/ICC, 1:50 - 1:200

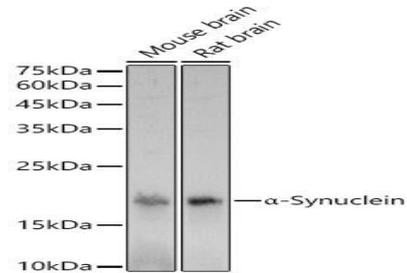
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

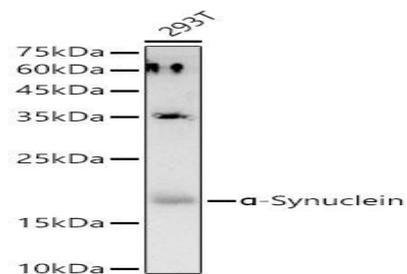
### Specificity:

$\alpha$ -Synuclein polyclonal antibody detects endogenous levels of  $\alpha$ -Synuclein protein.

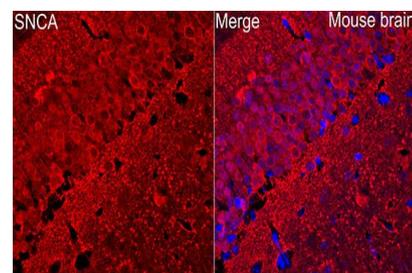
### DATA:



Western blot analysis of various lysates using  $\alpha$ -Synuclein pAb at 1:1000 dilution.



Western blot analysis of lysates from 293T cells using  $\alpha$ -Synuclein pAb at 1:1000 dilution.



Immunofluorescence analysis of mouse brain cells using  $\alpha$ -Synuclein pAb at dilution of 1:100 (40x lens).

### Note:

For research use only, not for use in diagnostic procedure.

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