

# [KO Validated] Alpha synuclein Rabbit mAb [MJFF-C1]

Catalog No.: A27117 **KO Validated** **Recombinant**

## Basic Information

### Observed MW

18kDa

### Calculated MW

14kDa

### Category

Primary antibody

### Applications

WB,ELISA

### Cross-Reactivity

Human, Mouse, Rat

### CloneNo number

ARC5166

## 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.

## Recommended Dilutions

**WB** 1:5000 - 1:30000

**ELISA** Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

### Gene ID

6622

### Swiss Prot

P37840

### Immunogen

A synthetic peptide corresponding to a sequence.

### Synonyms

NACP; PARK1; α-Synuclein; SNCA

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

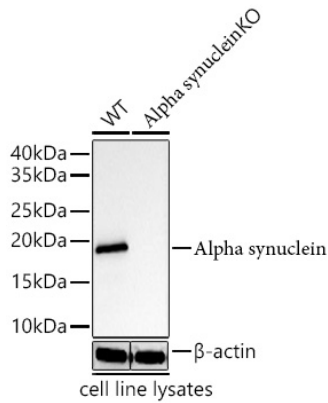
Affinity purification

### Storage

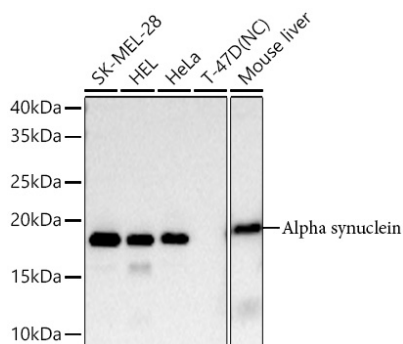
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.09% Sodium azide,0.05% BSA,50% glycerol,pH7.3.

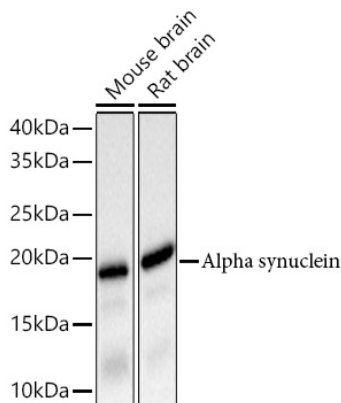
## Validation Data



Western blot analysis of lysates from wild type (WT) and Alpha synuclein knockout (KO) aSyn cells using [KO Validated] Alpha synuclein Rabbit mAb (A27117) at 1:5000 dilution .  
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25  $\mu$ g per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 10s.



Western blot analysis of various lysates using [KO Validated] Alpha synuclein Rabbit mAb (A27117) at 1:5000 dilution .  
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25  $\mu$ g per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Negative control (NC): T-47D  
Exposure time: 60s.



Western blot analysis of various lysates using [KO Validated] Alpha synuclein Rabbit mAb (A27117) at 1:5000 dilution .  
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25  $\mu$ g per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 3s.