

# SNCA Polyclonal Antibody

catalog number: D-AB-10173L

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

## Description

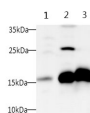
<b>Reactivity</b>	Human;mouse;Rat
<b>Immunogen</b>	Recombinant Human SNCA protein expressed by E.coli
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Antigen Affinity Purification
<b>Conjugation</b>	Unconjugated
<b>buffer</b>	PBS with 0.05% proclin 300, 1% protective protein and 50% glycerol,pH7.4

## Applications

## Recommended Dilution

<b>WB</b>	1:500-1:1000
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## Data



Western blot with SNCA Polyclonal antibody at dilution of 1:500.lane 1:SH-SY5Y whole cell lysate, lane 2:Mouse brain, lane 3:Rat brain

**Observed-MV:16 kDa**

**Calculated-MV:14 kDa**

## Preparation & Storage

<b>Storage</b>	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
<b>Shipping</b>	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

## Background

Neuronal protein that plays several roles in synaptic activity such as regulation of synaptic vesicle trafficking and subsequent neurotransmitter release.Participates as a monomer in synaptic vesicle exocytosis by enhancing vesicle priming, fusion and dilation of exocytotic fusion pores.Mechanistically, acts by increasing local Ca<sup>2+</sup> release from microdomains which is essential for the enhancement of ATP-induced exocytosis.Acts also as a molecular chaperone in its multimeric membrane-bound state, assisting in the folding of synaptic fusion components called SNAREs at presynaptic plasma membrane in conjunction with cysteine string protein-alpha/DNAJC5.

## For Research Use Only