

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

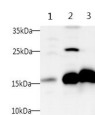
Description

Reactivity	Human,mouse,Rat
Immunogen	Recombinant Human SNCA protein expressed by E.coli
Host	Rabbit
Isotype	IgG
Purification	Antigen Affinity Purification
Conjugation	Unconjugated
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH 7.4

Applications Recommended Dilution

WB	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 Mw:16 kDa

Calculated Mw:14 kDa

Preparation & Storage

Storage	Store at -20°C. Avoid freeze/thaw cycles.
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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 Ca²⁺ 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.

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