

Datasheet for ABIN390382
anti-SNCAIP antibody (C-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	400 µL
Target:	SNCAIP
Binding Specificity:	AA 593-622, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SNCAIP antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This Synphilin-1 (SNCAIP) antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 593-622 amino acids from the C-terminal region of human Synphilin-1 (SNCAIP).
Clone:	RB7392
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	SNCAIP
Alternative Name:	Synphilin-1 (SNCAIP) (SNCAIP Products)

Target Details

Background: Parkinson is the second most common neurodegenerative disease after Alzheimers. About 1 percent of people over the age of 65 and 3 percent of people over the age of 75 are affected by the disease. The mutation is the most common cause of Parkinson disease identified to date. Synuclein alpha interacting protein (Synphilin-1) contains several protein-protein interaction domains and interacts with alpha synuclein in neurons. Mutations of SNCAIP have been linked to Parkinson disease. The amino acid sequence of synphilin-1 shows extensive homology with its human counterpart, especially in regions containing ankyrin-like motifs and the coiled-coil domain. Expression of mouse synphilin-1 in tissues is similar to its human counterpart. Synphilin-1 has an important role in the formation of aggregates and cytotoxicity in Parkinson disease and that Dofin may be involved in the pathogenic process by ubiquitylation of synphilin-1. Role of synphilin-1 in synaptic function and protein degradation and in the molecular mechanisms leading to neurodegeneration in Parkinson disease

Molecular Weight: 100409

Gene ID: 9627

NCBI Accession: [NP_001229864](#), [NP_005451](#)

UniProt: [Q9Y6H5](#)

Application Details

Application Notes: WB: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

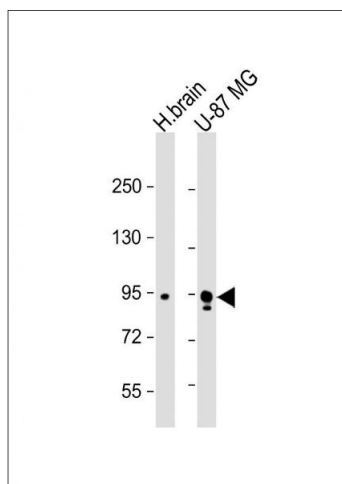
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Storage Comment: Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

Expiry Date: 6 months



Western Blotting

Image 1. All lanes : Anti-Synphilin-1 (C-term) at 1:1000 dilution Lane 1: human brain lysate Lane 2: U-87 MG whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 100 kDa Blocking/Dilution buffer: 5 % NFDm/TBST.