

Synuclein-y Polyclonal Antibody

Catalog # AP72682

Product Information

Application WB, IHC-P
Primary Accession O76070
Reactivity Human
Host Rabbit
Clonality Polyclonal
Calculated MW 13331

Additional Information

Gene ID 6623

Other Names SNCG; BCSG1; PERSYN; PRSN; Gamma-synuclein; Breast cancer-specific gene

1 protein; Persyn; Synoretin; SR

Dilution WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300.

ELISA: 1/10000. Not yet tested in other applications. IHC-P~~N/A

Format Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium

azide.

Storage Conditions -20°C

Protein Information

Name SNCG

Synonyms BCSG1, PERSYN, PRSN

Function Plays a role in neurofilament network integrity. May be involved in

modulating axonal architecture during development and in the adult. In vitro,

increases the susceptibility of neurofilament-H to calcium-dependent

proteases (By similarity). May also function in modulating the keratin network

in skin. Activates the MAPK and Elk-1 signal transduction pathway (By

similarity).

Cellular Location Cytoplasm, perinuclear region. Cytoplasm, cytoskeleton, microtubule

organizing center, centrosome. Cytoplasm, cytoskeleton, spindle.

Note=Associated with centrosomes in several interphase cells. In mitotic cells,

localized to the poles of the spindle

Tissue Location Highly expressed in brain, particularly in the substantia nigra. Also expressed

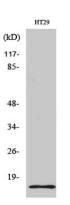
in the corpus callosum, heart, skeletal muscle, ovary, testis, colon and spleen.

Weak expression in pancreas, kidney and lung

Background

Plays a role in neurofilament network integrity. May be involved in modulating axonal architecture during development and in the adult. In vitro, increases the susceptibility of neurofilament-H to calcium-dependent proteases (By similarity). May also function in modulating the keratin network in skin. Activates the MAPK and Elk-1 signal transduction pathway (By similarity).

Images



Western Blot analysis of various cells using Synuclein-y Polyclonal Antibody

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.