10320 Camino Santa Fe, Suite G
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SNCG / Gamma-Synuclein Antibody (aa78-127)

Rabbit Polyclonal Antibody
Catalog # ALS14773

Specification

SNCG / Gamma-Synuclein Antibody (aa78-127) - Product Information

Application	**WB, IHC**
Primary Accession	O76070
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**13kDa KDa**

SNCG / Gamma-Synuclein Antibody (aa78-127) - Additional Information

Gene ID 6623

Other Names
Gamma-synuclein, Breast cancer-specific gene 1 protein, Persyn, Synoretin, SR, SNCG, BCSG1, PERSYN, PRSN

Target/Specificity
Synuclein gamma Antibody detects endogenous levels of total Synuclein gamma protein.

Reconstitution & Storage
Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles.

Precautions
SNCG / Gamma-Synuclein Antibody (aa78-127) is for research use only and not for use in diagnostic or therapeutic procedures.

SNCG / Gamma-Synuclein Antibody (aa78-127) - 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

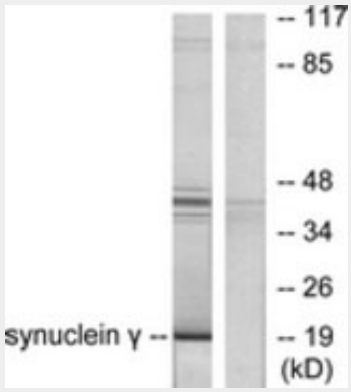
Volume
50 µl

SNCG / Gamma-Synuclein Antibody (aa78-127) - Protocols

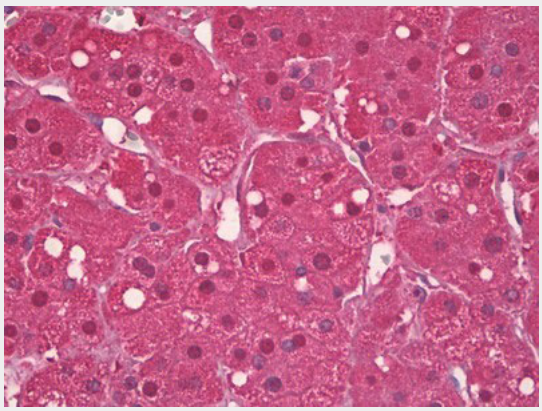
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

SNCG / Gamma-Synuclein Antibody (aa78-127) - Images

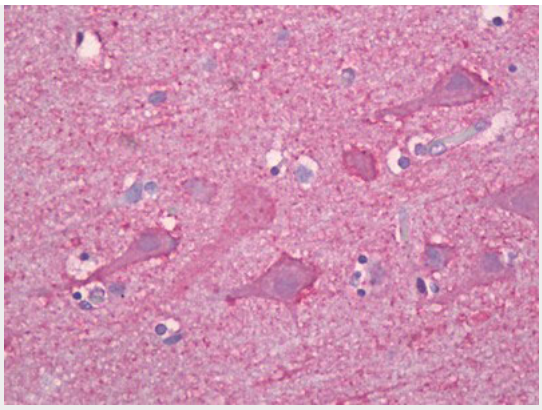


Western blot of extracts from HT29 cells, using Synuclein gamma Antibody.



Anti-SNCG antibody IHC of human adrenal cortex.

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Anti-SNCG antibody IHC of human brain, cortex neurons.

SNCG / Gamma-Synuclein Antibody (aa78-127) - 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).

SNCG / Gamma-Synuclein Antibody (aa78-127) - References

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