

Anti-gamma Synuclein Rabbit Monoclonal Antibody

Catalog # ABO14542

Product Information

Application	WB, IHC, IF, ICC, IP, FC
Primary Accession	O76070
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Rat, Human
Clonality	Monoclonal
Format	Liquid
Description	Anti-gamma Synuclein Rabbit Monoclonal Antibody . Tested in WB, IHC, ICC/IF, IP, Flow Cytometry applications. This antibody reacts with Human, Rat.

Additional Information

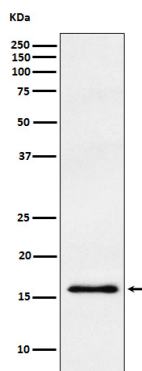
Gene ID	6623
Other Names	Gamma-synuclein, Breast cancer-specific gene 1 protein, Persyn, Synoretin, SR, SNCG, BCSG1, PERSYN, PRSN
Calculated MW	13331
Application Details	WB 1:500-1:2000 IHC 1:50-1:200 ICC/IF 1:50-1:200 IP 1:20 FC 1:30
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: ADEE-19
Immunogen	A synthesized peptide derived from human gamma Synuclein
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

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

Images



Western blot analysis of gamma Synuclein expression in human fetal brain lysate.

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