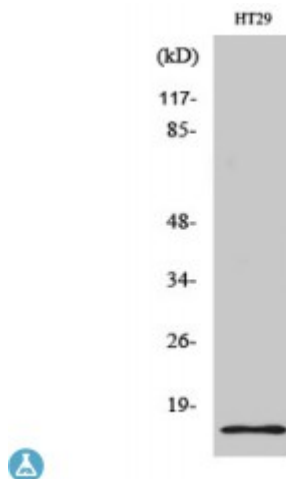


Anti-Synuclein-gamma antibody



Description	Rabbit polyclonal to Synuclein-gamma.
Model	STJ95864
Host	Rabbit
Reactivity	Human
Applications	ELISA, IHC, WB
Immunogen	Synthesized peptide derived from human Synuclein-gamma
Immunogen Region	50-130 aa, C-terminal
Gene ID	6623
Gene Symbol	SNCG
Dilution range	WB 1:500-1:2000IHC 1:100-1:300ELISA 1:10000
Specificity	Synuclein-gamma Polyclonal Antibody detects endogenous levels of Synuclein-gamma protein.
Tissue Specificity	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.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Gamma-synuclein Breast cancer-specific gene 1 protein Persyn Synoretin SR
Molecular Weight	20 kDa

Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:11141 OMIM:602998
Alternative Names	Gamma-synuclein Breast cancer-specific gene 1 protein Persyn Synoretin SR
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 . May also function in modulating the keratin network in skin. Activates the MAPK and Elk-1 signal transduction pathway .
Cellular Localization	Cytoplasm, perinuclear region Cytoplasm, cytoskeleton, microtubule organizing center, centrosome Cytoplasm, cytoskeleton, spindle. Associated with centrosomes in several interphase cells. In mitotic cells, localized to the poles of the spindle.
Post-translational Modifications	Phosphorylated. Phosphorylation by GRK5 appears to occur on residues distinct from the residue phosphorylated by other kinases.