

## 32-6221: Polyclonal Rabbit Anti Human Gamma-Synuclein

<b>Clonality :</b>	Polyclonal
<b>Application :</b>	ELISA, WB
<b>Gene :</b>	TERF1
<b>Gene ID :</b>	7013
<b>Uniprot ID :</b>	P54274
<b>Format :</b>	Purified
<b>Alternative Name :</b>	Gamma-synuclein, Persyn, Breast cancer-specific gene 1 protein, Synoretin, SR, SNCG, BCSG1, PERSYN, PRSN, g-Synuclein.
<b>Isotype :</b>	Rabbit IgG
<b>Immunogen Information :</b>	Recombinant human $\gamma$ -Synuclein amino acids 1-127 purified from E. coli.

### Description

$\gamma$ -synuclein (Originally known as a breast cancer specific gene product, BCSG1) is an acidic neuronal protein of 127 amino acids. Gamma-Synuclein is a member of the Synuclein protein family, which is believed to be involved in the pathogenesis of neurodegenerative diseases. High levels of Gamma-Synuclein have been found in advanced breast carcinomas suggesting a correlation between overexpression of SNCG and breast tumor development. Synuclein-Gamma is found mostly in the peripheral nervous system (in primary sensory neurons, sympathetic neurons, and motor neurons) and retina. SNCG is also identified in the brain, ovarian tumors, and in the olfactory epithelium. SNCG expression in breast tumors is a marker for tumor progression. A modification in the expression of gamma-synuclein has been detected in the retina of Alzheimer's patients.

### Product Info

<b>Amount :</b>	20 $\mu$ g
<b>Content :</b>	1mg/ml containing PBS, pH-7.4, & 0.1% Sodium Azide.
<b>Storage condition :</b>	For periods up to 1 month store at 4°C, for longer periods of time, store at -20°C. Prevent freeze thaw cycles.

### Application Note

$\gamma$ -Synuclein antibody has been tested by ELISA and Western blot analysis to assure specificity and reactivity. Since application varies, however, each investigation should be titrated by the reagent to obtain optimal results. Recommended dilution range for Western blot analysis is 1:500 ~ 2,000. Recommended starting dilution is 1:1,000.