



Swiss-Prot No.:	O76070
Altermname:	SNCG (breast cancer-specific protein 1)
Storage/Stability:	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
Immunogen:	Purified recombinant fragment of SNCG expressed in E. Coli.
Purification:	Ascitic fluid
Reactivity:	Human
Other Names:	SR; BCSG1
Background:	SNCG(also designated gamma-synuclein or breast cancer-specific protein 1),with 127-amino acid protein(about 14kDa), belongs to the synuclein family, which also includes alpha- and beta- synuclein.Three synucleins are located in the neuronal cytosol and enriched in presynaptic terminals,while SNCG is also expressed in many other non-neuronal tissues. SNCG is abnormally expressed in a high percentage of tumor tissues of diversified cancer types, including liver, esophagus, colon, gastric, lung, prostate, cervical, and breast cancer, but rarely expressed in tumor-matched nonneoplastic adjacent tissues. High levels of SNCG have been identified in advanced breast carcinomas suggesting a correlation between overexpression of SNCG and breast tumor development.
Gene ID:	6623

Cellular localization:	Cytoplasm, Cytoskeleton
Source:	Mouse
Antibody type:	Monclonal antibody
Isotype:	Mouse IgG1
Preservative:	Ascitic fluid containing 0.03% sodium azide.
Recommended Dilutions:	WB: 1/500 - 1/2000; IHC: 1/200 - 1/1000; ICC: N/A; FCM: N/A; Elisa: 1/10000
Clone Number:	1H10D2