

Datasheet for ABIN967062

anti-SNCG (Breast Cancer-Specific Protein 1) antibody



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1 Publication

Overview

Quantity:	0.1 mg
Target:	SNCG (Breast Cancer-Specific Protein 1)
Reactivity:	Human
Host:	Please inquire
Clonality:	Monoclonal
Application:	Immunohistochemistry (IHC), ELISA, Western Blotting (WB)

Product Details

Isotype:	IgG1
Specificity:	Ni-NTA purified truncated recombinant SNCG expressed in E. Coli strain BL21 (DE3)
Purification:	Antibodies are purified by protein A affinity chromatography

Target Details

Target:	SNCG (Breast Cancer-Specific Protein 1)
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

Target Details

SNCG and breast tumor development.

Gene ID: 6623

Application Details

Application Notes: Western Blot: 1: 500- 1: 2,000
IHC(P): 1: 500- 1: 2,000
IHC(F): 1: 500- 1: 2,000
ELISA: Propose dilution 1: 10,000.
Determining optimal working dilutions by titration test.

Restrictions: For Research Use only

Handling

Storage: -20 °C

Publications

Product cited in: Surgucheva, McMahon, Surguchov: "gamma-synuclein has a dynamic intracellular localization."
in: **Cell motility and the cytoskeleton**, Vol. 63, Issue 8, pp. 447-58, (2006) ([PubMed](#)).