

Mouse anti-Human SNCG Antibody | anti-SNCG antibody

SNCG Antibody (breast cancer-specific protein 1)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA108555	Mouse	Human	ELISA, Immunohistochemistry, Western Blot

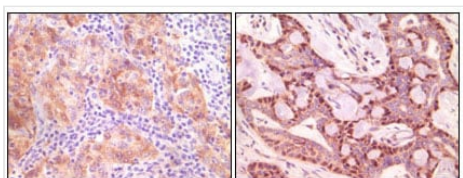
PRODUCT SYNONYMS

SNCG; SNCG Antibody (breast cancer-specific protein 1); SR; BCSG1; anti-SNCG antibody

PRODUCT SPECIFICATIONS

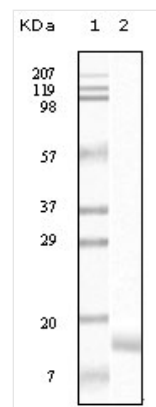
Host	Mouse
Reactivity	Human
Isotype	IgG1
Clone Number	1H10D2
Form/Format	Purified antibody in PBS containing 0.03% sodium azide.
Sequence Length	127
Applicable Applications for anti-SNCG antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Purified recombinant fragment of SNCG expressed in E. Coli.
Preparation and Storage	Store at 4 degree C, for long term storage, store at -20 degree C

IMAGES



IHC (Immunohistochemistry)

Figure 2. Immunohistochemical analysis of paraffin-embedded human ovary carcinoma (left) and breast carcinoma (right), showing cytoplasmic (ovary carcinoma) localization, cytoplasmic and nuclear (breast carcinoma) localization using SNCG mouse mAb with DAB staining.



WB (Western Blot)

Figure 1. Western blot analysis using SNCG mouse mAb against truncated SNCG recombinant protein.

ADDITIONAL INFORMATION

Related Product Information for anti-SNCG antibody	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.
Product Categories/Family for anti-SNCG antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells

NCBI AND UNIPROT INFORMATION

NCBI GI #	209693439
NCBI GeneID	6623
NCBI Accession #	NP_003078.2
NCBI GenBank Nucleotide #	NM_003087.2
UniProt Accession #	O76070; O15104; Q96P61
Molecular Weight	13,331 Da
NCBI Official Full Name	gamma-synuclein isoform 1
NCBI Official Synonym Full Names	synuclein gamma
NCBI Official Symbol	SNCG
NCBI Official Synonym Symbols	SR; BCSG1
NCBI Protein Information	gamma-synuclein
UniProt Protein Name	Gamma-synuclein
UniProt Gene Name	SNCG
UniProt Synonym Gene Names	BCSG1; PERSYN; PRSN; SR

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/mouse-human-antibody/sncg/108555>