

Anti-SNCG [SAIC-31A-10] Standard Size Ab00324-1.1

This is a chimeric antibody created for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Mouse IgG1, Kappa

Clone Number: SAIC-31A-10

Alternative Name(s) of Target: Synuclein gamma variant; Synuclein, gamma (Breast cancer-specific protein 1) variant

UniProt Accession Number of Target Protein: Q6FHG5

Published Application(s): WB, ELISA, IHC

Published Species Reactivity: Human

Immunogen: The original antibody was raised against the KLH-conjugated peptide "TVEEAENIAVTSGVVR", derived from Gamma-synuclein, which plays a role in neurofilament network integrity.

Specificity: This antibody recognizes human SNCG.

Application Notes: The original characterization data for this antibody can be found [here](#).

Antibody First Published in: Schoenherr et al. Anti-peptide monoclonal antibodies generated for immuno-multiple reaction monitoring-mass spectrometry assays have a high probability of supporting Western blot and ELISA. Mol Cell Proteomics. 2015 Feb;14(2):382-98. doi: 10.1074/mcp.O114.043133
[PMID:25512614](#)

Note on publication: The original publication describes the generation of a panel of recombinant antibodies using synthetic peptides of human proteins as well as their validation using ELISA and multiple reaction monitoring-mass spectrometry.

Product Form

Size: 200 µg Purified antibody.

Purification: Protein A affinity purified

Supplied In: PBS with 0.02% Proclin 300.

Storage Recommendation: Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

Concentration: 1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.