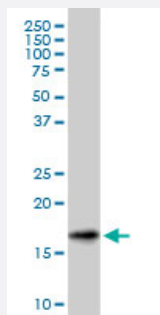


SNCG monoclonal antibody (M01), clone 2C3

Catalog # H00006623-M01

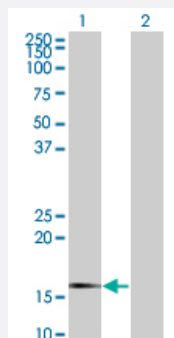
Size 50 ug

Applications



Western Blot (Tissue lysate)

SNCG monoclonal antibody (M01), clone 2C3. Western Blot analysis of SNCG expression in human spleen.

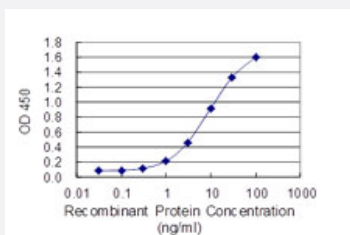


Western Blot (Transfected lysate)

Western Blot analysis of SNCG expression in transfected 293T cell line by SNCG monoclonal antibody (M01), clone 2C3.

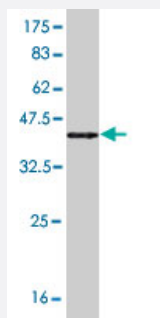
Lane 1: SNCG transfected lysate (13.3 kDa).

Lane 2: Non-transfected lysate.



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged SNCG is 0.1 ng/ml as a capture antibody.



Western Blot detection against Immunogen (37.4 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant SNCG.
Immunogen	SNCG (AAH14098, 21 a.a. ~ 127 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	KTKQGVTEAAEKTKEGVMYVGAKTKENVVQSVTSVAEKTKEQANAVSEAVVSSVNTVATKTVEE AENIAVTSGVVRKEDLRPSAPQQEGEASKEKEEVAEEAQSGGD
Host	Mouse
Reactivity	Human
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.4 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

SNCG monoclonal antibody (M01), clone 2C3. Western Blot analysis of SNCG expression in human spleen.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of SNCG expression in transfected 293T cell line by SNCG monoclonal antibody (M01), clone 2C3.

Lane 1: SNCG transfected lysate(13.3 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged SNCG is 0.1 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — SNCG

Entrez GeneID [6623](#)

GeneBank Accession# [BC014098](#)

Protein Accession# [AAH14098](#)

Gene Name SNCG

Gene Alias BCSG1, SR

Gene Description synuclein, gamma (breast cancer-specific protein 1)

Omim ID [602998](#)

Gene Ontology [Hyperlink](#)

Gene Summary Summary: This gene encodes a member of the synuclein family of proteins which are believed to be involved in the pathogenesis of neurodegenerative diseases. Mutations in this gene have also been associated with breast tumor development. [provided by RefSeq]

Other Designations OTTHUMP00000020013|breast cancer-specific protein 1|persyn|synoretin|synuclein, gamma (breast cancer-specific gene 1)

Publication Reference

- [Pan-retinal ganglion cell markers in mice, rats, and rhesus macaques.](#)

Francisco M Nadal-Nicolás, Caridad Galindo-Romero, Fernando Lucas-Ruiz, Nicholas Marsh-Amstrong, Wei Li, Manuel Vidal-Sanz, Marta Agudo-Barriuso.

Zoological Research 2023 Jan; 44(1):226.

Application: IF, Monkey, Mouse, Rat, Monkey retina, Mouse retina, Rat retina

- [Multiomic Analysis of Neurons with Divergent Projection Patterns Identifies Novel Regulators of Axon Pathfinding.](#)

Marta Fernández-Nogales, Maria Teresa López-Cascale, Verónica Murcia-Belmonte, Augusto Escalante, Jordi Fernández-Albert, Rafael Muñoz-Viana, Angel Barco, Eloisa Herrera.

Advanced Science (Weinheim, Baden-Württemberg, Germany) 2022 Aug; e2200615.

Application: IF, Mouse, Mouse coronal retinal

- [Age Related Retinal Ganglion Cell Susceptibility in Context of Autophagy Deficiency.](#)

Katharina Bell, Ines Rosignol, Elena Sierra-Filardi, Natalia Rodriguez-Muela, Carsten Schmelter, Francesco Cecconi, Franz Grus, Patricia Boya.

Cell Death Discovery 2020 Apr; 6:21.

Application: IF, IHC-Fr, Mouse, Mouse eyes

- [Targeted disruption of dual leucine zipper kinase and leucine zipper kinase promotes neuronal survival in a model of diffuse traumatic brain injury.](#)

Welsbie DS, Zogas NK, Xu L, Kim BJ, Ge Y, Patel AK, Ryu J, Lehar M, Alexandris AS, Stewart N, Zack DJ, Koliatsos VE.

Molecular Neurodegeneration 2019 Nov; 14(1):44.

Application: IF, IHC-Fr, Mouse, Mouse eyes

- [Adoptive transfer of immune cells from glaucomatous mice provokes retinal ganglion cell loss in recipients.](#)

Gramlich OW, Ding QJ, Zhu W, Cook A, Anderson MG, Kuehn MH.

Acta Neuropathologica Communications 2015 Sep; 3:56.

Application: IF, Mouse, Retinae

Disease

- [Alzheimer disease](#)

- [Parkinson disease](#)