

Product Datasheet

SGOL2 Antibody - BSA Free

NBP1-83567

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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Publications: 5

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Updated 2/21/2025 v.20.1

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NBP1-83567

SGOL2 Antibody - BSA Free

Product Information

Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description

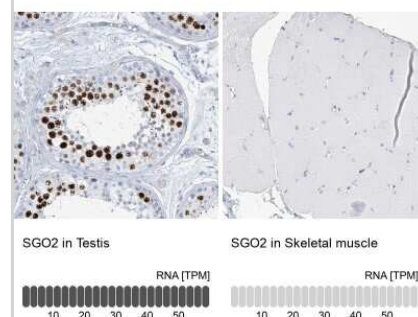
Host	Rabbit
Gene ID	151246
Gene Symbol	SGOL2
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: ESHSHSDQSSKTSMLSEMRNAQSIGRRWEKPSPSNVTERKKRGSSWESNNL SADTPCATVLDKQHISSPELNCNNEINGHTNETNTEMQRN

Product Application Details

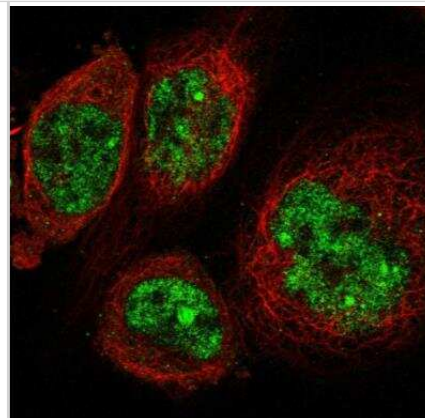
Applications	Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry 1:500 - 1:1000, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:500 - 1:1000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF, Fixation Permeabilization: Use PFA/Triton X-100.

Images

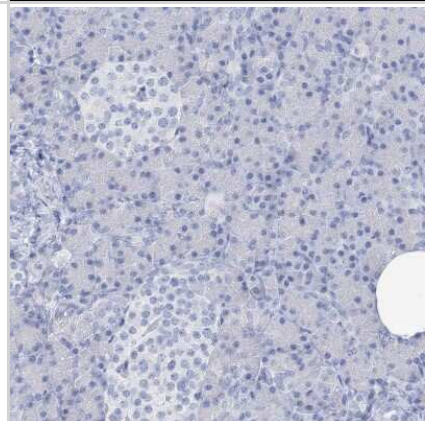
Immunohistochemistry-Paraffin: SGOL2 Antibody [NBP1-83567] - Staining in human testis and skeletal muscle tissues.. Corresponding SGO2 RNA-seq data are presented for the same tissues.



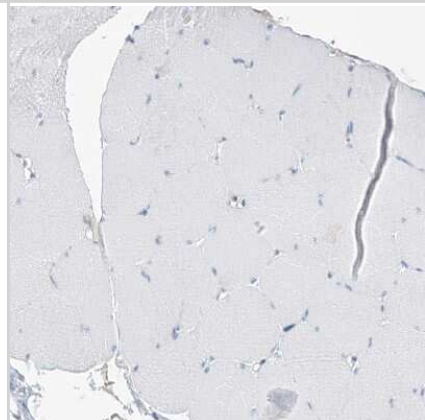
Immunocytochemistry/Immunofluorescence: SGOL2 Antibody [NBP1-83567] - Staining of human cell line A-431 shows localization to nucleoplasm & nuclear bodies. Antibody staining is shown in green.



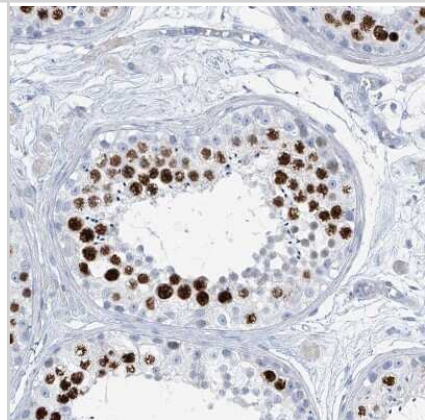
Immunohistochemistry-Paraffin: SGOL2 Antibody [NBP1-83567] - Staining of human pancreas shows no positivity in exocrine glandular cells as expected.



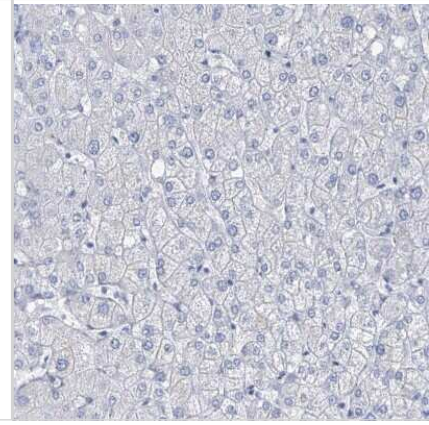
Immunohistochemistry-Paraffin: SGOL2 Antibody [NBP1-83567] - Staining of human skeletal muscle shows no positivity in myocytes as expected.



Immunohistochemistry-Paraffin: SGOL2 Antibody [NBP1-83567] - Staining of human testis shows strong nuclear positivity in cells in seminiferous ducts.



Immunohistochemistry-Paraffin: SGOL2 Antibody [NBP1-83567] -
Staining of human liver shows no positivity in hepatocytes as expected.



Publications

Mihalas B, Pieper G, Currie C et al. Age-dependent loss of cohesion protection in human oocytes bioRxiv 2023-01-14 [PMID: 38134935] (ICC/IF, Human)

Details:
Dilution 1:50

Wu Z, Zhuo T, Li Z et al. High SGO2 predicted poor prognosis and high therapeutic value of lung adenocarcinoma and promoted cell proliferation, migration, invasion, and epithelial-to-mesenchymal transformation Journal of Cancer 2023-07-24 [PMID: 37576392] (Immunohistochemistry)

Gantchev Jennifer, Martinez Villarreal Amelia, Xie Pingxing et al. The Ectopic Expression of Meiosis Regulatory Genes in Cutaneous T-Cell Lymphomas (CTCL). Frontiers in Oncology 2019-05-31 [PMID: 31214493] (IHC-P, Human)

Lindsey S, Byrnes D, Eller M et al. Potential role of meiosis proteins in melanoma chromosomal instability. J Skin Cancer. 2013 [PMID: 23840955] (WB)

Lindsey S, Byrnes D, Eller M et al. Potential Role of Meiosis Proteins in Melanoma Chromosomal Instability. J Skin Cancer 2013 [PMID: 23840955] (WB)



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Products Related to NBP1-83567

NBP1-83567PEP	SGOL2 Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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