

SOHLH1 Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP10919A**Specification**

SOHLH1 Antibody (N-term) - Product Information

Application	FC, IHC-P, WB,E
Primary Accession	Q5JUK2
Other Accession	NP_001012415.2
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	34526
Antigen Region	40-68

SOHLH1 Antibody (N-term) - Additional Information**Gene ID** 402381**Other Names**

Spermatogenesis- and oogenesis-specific basic helix-loop-helix-containing protein 1, SOHLH1, C9orf157, NOHLH, TEB2

Target/Specificity

This SOHLH1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 40-68 amino acids from the N-terminal region of human SOHLH1.

Dilution

FC~~1:10~50

IHC-P~~1:50~100

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

SOHLH1 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

SOHLH1 Antibody (N-term) - Protein Information

Name SOHLH1

Synonyms C9orf157, NOHLH, TEB2

Function Transcription regulator of both male and female germline differentiation. Suppresses genes involved in spermatogonial stem cells maintenance, and induces genes important for spermatogonial differentiation. Coordinates oocyte differentiation without affecting meiosis I (By similarity).

Cellular Location

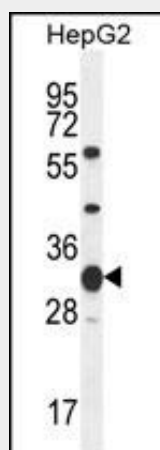
Cytoplasm {ECO:0000250|UniProtKB:Q6IUP1}. Nucleus {ECO:0000250|UniProtKB:Q6IUP1, ECO:0000255|PROSITE-ProRule:PRU00981}

SOHLH1 Antibody (N-term) - Protocols

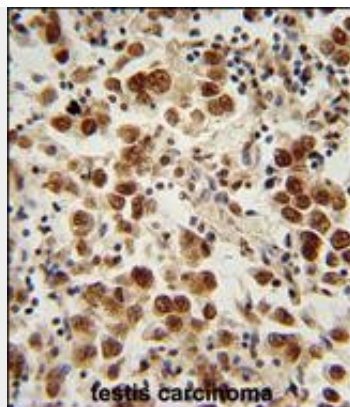
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

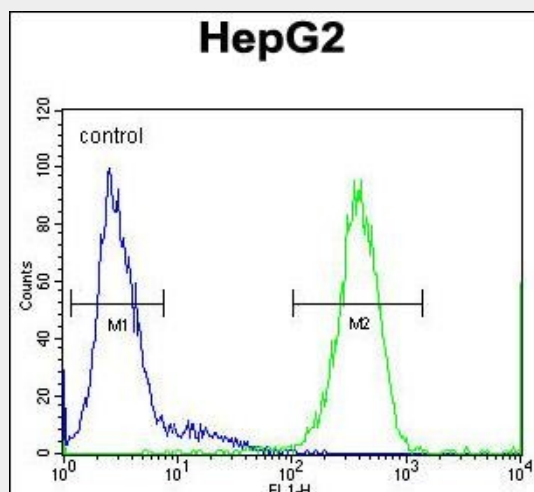
SOHLH1 Antibody (N-term) - Images



SOHLH1 Antibody (N-term) (Cat. #AP10919a) western blot analysis in HepG2 cell line lysates (35ug/lane). This demonstrates the SOHLH1 antibody detected the SOHLH1 protein (arrow).



SOHLH1 Antibody (N-term) (Cat. #AP10919a) immunohistochemistry analysis in formalin fixed and paraffin embedded human testis carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the SOHLH1 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



SOHLH1 Antibody (N-term) (Cat. #AP10919a) flow cytometric analysis of HepG2 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

SOHLH1 Antibody (N-term) - Background

Probable transcription factor required during spermatogenesis and oogenesis (By similarity).

SOHLH1 Antibody (N-term) - References

- Choi, Y., et al. Hum. Mutat. 31(7):788-793(2010)
Pangas, S.A., et al. Proc. Natl. Acad. Sci. U.S.A. 103(21):8090-8095(2006)