

Rabbit anti-Human SOHLH1 Polyclonal Antibody | anti-SOHLH1 antibody

SOHLH1 Antibody (N-term)

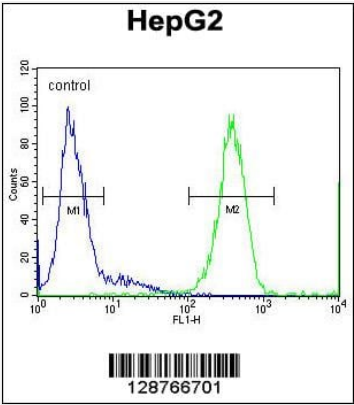
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286637	Rabbit	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

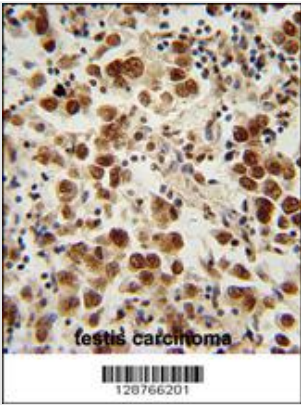
SOHLH1; Polyclonal Antibody; SOHLH1 Antibody (N-term); Spermatogenesis- and oogenesis-specific basic helix-loop-helix-containing protein 1; C9orf157; NOHLH; TEB2; anti-SOHLH1 antibody

PRODUCT SPECIFICATIONS

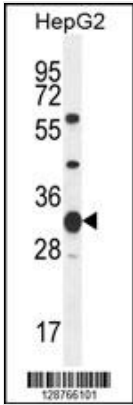
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This SOHLH1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 40-68 amino acids from the N-terminal region of human SOHLH1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/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.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	40-68
Sequence Length	387
Applicable Applications for anti-SOHLH1 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
SOHLH1 Antibody (N-term) 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.



IHC (Immunohiostchemistry)
SOHLH1 Antibody (N-term) 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.



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

ADDITIONAL INFORMATION

Related Product Information for anti-SOHLH1 antibody	Probable transcription factor required during spermatogenesis and oogenesis (By similarity).
Product Categories/Family for anti-SOHLH1 antibody	Developmental Biology; Signal Transduction
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)

NCBI AND UNIPROT INFORMATION

NCBI GI #	156119601
NCBI GeneID	402381
NCBI Accession #	NP_001012415.2; NP_001095147.1
NCBI GenBank Nucleotide #	NM_001012415.2
UniProt Accession #	Q5JUK2; Q5EE14; Q5EGC2; Q8NEE3; C9JG81
Molecular Weight	34526

NCBI Official Full Name	spermatogenesis- and oogenesis-specific basic helix-loop-helix-containing protein 1 isoform b
NCBI Official Synonym Full Names	spermatogenesis and oogenesis specific basic helix-loop-helix 1
NCBI Official Symbol	SOHLH1
NCBI Official Synonym Symbols	TEB2; NOHLH; SPATA27; bHLHe80; C9orf157; bA100C15.3
NCBI Protein Information	spermatogenesis- and oogenesis-specific basic helix-loop-helix-containing protein 1
UniProt Protein Name	Spermatogenesis- and oogenesis-specific basic helix-loop-helix-containing protein 1
UniProt Gene Name	SOHLH1
UniProt Synonym Gene Names	C9orf157; NOHLH; TEB2
UniProt Entry Name	SOLH1_HUMAN

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://www.aaabiotech.com/polyclonal/sohlh1-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/286637>