

For Research Use Only

# SOHLH1 Polyclonal antibody

Catalog Number: 17753-1-AP **1 Publications**



## Basic Information

<b>Catalog Number:</b> 17753-1-AP	<b>GenBank Accession Number:</b> BC031861	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 600 µg/ml by Nanodrop and 287 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 402381	<b>Recommended Dilutions:</b> IHC 1:50-1:500
<b>Source:</b> Rabbit	<b>Full Name:</b> spermatogenesis and oogenesis specific basic helix-loop-helix 1	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 328 aa, 34 kDa	
<b>Immunogen Catalog Number:</b> AG12107		

## Applications

<b>Tested Applications:</b> IHC, ELISA	<b>Positive Controls:</b> IHC : human testis tissue, mouse testis tissue
<b>Cited Applications:</b> IF, WB	
<b>Species Specificity:</b> human	
<b>Cited Species:</b> human	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## Background Information

Spermatogenesis-and oogenesis-specific helix-loop-helix transcription factor 1 (SOHLH1) is a gonad-specific transcription factor that belongs to the basic-helix-loop-helix (bHLH) transcription factor family. SOHLH1 has a profound effect on the development of germ cells, from SSC self-maintenance to spermatogonium differentiation.

## Notable Publications

Author	Pubmed ID	Journal	Application
Mohan Liu	34448846	Hum Mol Genet	WB, IF

## Storage

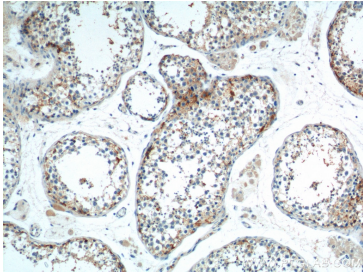
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

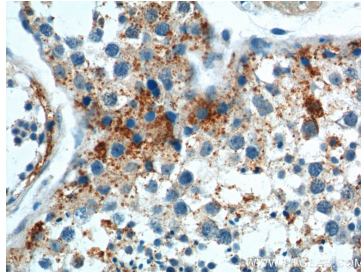
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
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## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 17753-1-AP (SOHLH1 Antibody) at dilution of 1:100 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 17753-1-AP (SOHLH1 Antibody) at dilution of 1:100 (under 40x lens).