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Datasheet for ABIN1694282

**anti-SOHLH1 antibody (AA 51-118) (Alexa Fluor 350)**

## Overview

Quantity:	100 µL
Target:	SOHLH1
Binding Specificity:	AA 51-118
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SOHLH1 antibody is conjugated to Alexa Fluor 350
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Sohlh1
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Cow,Pig,Horse
Purification:	Purified by Protein A.

## Target Details

Target:	SOHLH1
Alternative Name:	Sohlh1 ( <a href="#">SOHLH1 Products</a> )
Background:	Synonyms: GM110, Helix Loop Helix Protein TOHLH1, Sohlh1, SOLH1_HUMAN,

## Target Details

Spermatogenesis- and oogenesis-specific basic helix-loop-helix-containing protein 1, TOHLH1.

Background: SOHLH1 is a 328 amino acid protein that localizes to both the nucleus and the cytoplasm and contains one bHLH domain through which it may function as a transcription factor during oogenesis and spermatogenesis. The gene encoding SOHLH1 maps to human chromosome 9, which houses over 900 genes and comprises nearly 4 % of the human genome. Hereditary hemorrhagic telangiectasia, which is characterized by harmful vascular defects, and Familial dysautonomia, are both associated with chromosome 9. Notably, chromosome 9 encompasses the largest interferon family gene cluster.

Gene ID: 402381

## Application Details

Application Notes: IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months