

For Research Use Only

# SCML1 Polyclonal antibody

Catalog Number: 30257-1-AP



## Basic Information

<b>Catalog Number:</b> 30257-1-AP	<b>GenBank Accession Number:</b> BC026159	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 400 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 6322	<b>Recommended Dilutions:</b> WB 1:1000-1:8000
<b>Source:</b> Rabbit	<b>Full Name:</b> sex comb on midleg-like 1 (Drosophila)	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 37 kDa	
<b>Immunogen Catalog Number:</b> AG33003	<b>Observed MW:</b> 42 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : A549 cells, HepG2 cells
<b>Species Specificity:</b> Human	

## Background Information

Sex comb on midleg-like 1 (SCML1) is a meiosis-specific protein and is an essential component of the meiotic dense body. SCML1 is preferentially expressed in germ stem cells of testis, therefore likely involved in spermatogenesis.

## 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

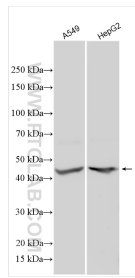
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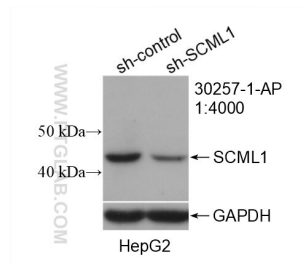
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 30257-1-AP (SCML1 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



WB result of SCML1 antibody (30257-1-AP; 1:4000; incubated at room temperature for 1.5 hours) with sh-Control and sh-SCML1 transfected HepG2 cells.