

## SCML2 Rabbit pAb

CatalogNo: YT5101

### Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human

#### Applications

- WB,ELISA,IHC

#### MW

- 77kD (Observed)

#### Isotype

- IgG

### Recommended Dilution Ratios

**WB 1:500-2000**

**IHC 1:50-300**

**ELISA 1:2000-20000**

### Storage

**Storage\*** -15°C to -25°C/1 year(Do not lower than -25°C)

**Formulation** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

### Basic Information

**Clonality** Polyclonal

### Immunogen Information

**Immunogen** Synthesized peptide derived from the Internal region of human SCML2.

**Specificity** SCML2 Polyclonal Antibody detects endogenous levels of SCML2 protein.

### Target Information

**Gene name** SCML2

**Protein Name** Sex comb on midleg-like protein 2

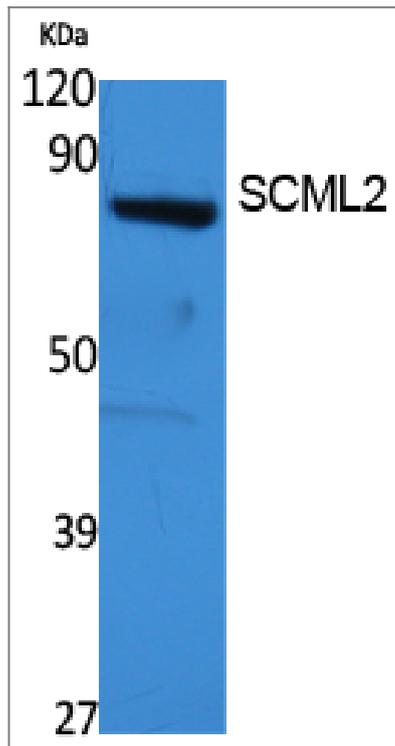
Organism	Gene ID	UniProt ID
Human	<a href="#">10389</a> ;	<a href="#">Q9UQR0</a> ;

**Cellular Localization** Nucleus .

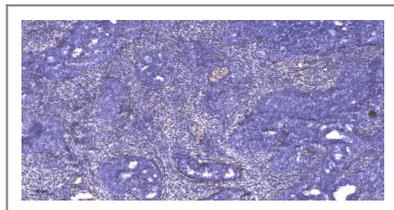
**Tissue specificity** Highly expressed in placenta, thymus and testis. Detected at lower levels in brain, liver, skeletal muscle, pancreas and ovary.

**Function** Function:Putative Polycomb group (PcG) protein. PcG proteins act by forming multiprotein complexes, which are required to maintain the transcriptionally repressive state of homeotic genes throughout development.,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,similarity:Belongs to the SCM family.,similarity:Contains 1 SAM (sterile alpha motif) domain.,similarity:Contains 2 MBT repeats.,tissue specificity:Highly expressed in placenta, thymus and testis. Detected at lower levels in brain, liver, skeletal muscle, pancreas and ovary.,

## Validation Data



Western Blot analysis of extracts from 293 cells, using SCML2 Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000 cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003,Inventbiotech,MN,USA).



Immunohistochemical analysis of paraffin-embedded human cervical carcinoma. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).

## | Contact information

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Please scan the QR code to access additional product information:  
**SCML2 Rabbit pAb**

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[Antibody](#) | [ELISA Kits](#) | [Protein](#) | [Reagents](#)