

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.

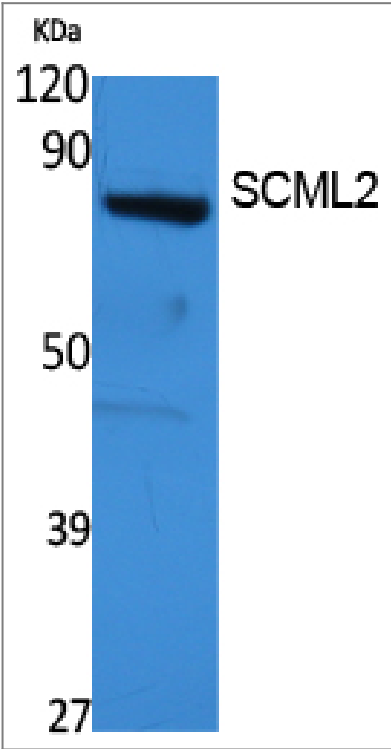
Target Information

Gene name

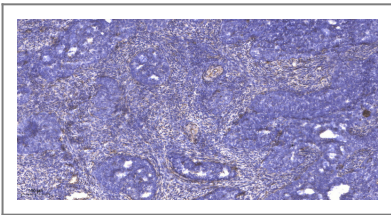
SCML2

Protein Name	Sex comb on midleg-like protein 2		
	Organism	Gene ID	UniProt ID
	Human	10389 ;	Q9UQR0 ;
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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SCML2 Rabbit pAb

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