
Product Name: SCML2 Rabbit Polyclonal Antibody**Catalog #: APRab17651**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,IHC,ELISA
Reactivity	Human,Rat,Mouse
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:50-1:300,ELISA 1:2000-1:20000
Molecular Weight	77kDa

Antigen Information

Gene Name	SCML2
Alternative Names	SCML2; Sex comb on midleg-like protein 2
Gene ID	10389.0
SwissProt ID	Q9UQR0
Immunogen	Synthesized peptide derived from the Internal region of human SCML2.

Background

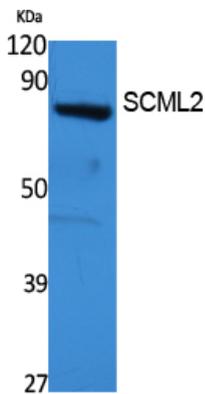
This gene encodes a member of the Polycomb group proteins. These proteins form the Polycomb repressive complexes which are involved in transcriptional repression. The encoded protein binds histone peptides that are monomethylated at lysine

residues and may be involved in regulating homeotic gene expression during development. [provided by RefSeq, Jun 2010],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.,

Research Area

Transcription; Other factors; Epigenetics and Nuclear Signaling; Chromatin Remodeling; Polycomb Silencing

Image Data



Western Blot analysis of extracts from 293 cells, using SCML2 Polyclonal Antibody.. Secondary antibody was diluted at 1:20000.