

SCMH1 antibody - middle region

Rabbit Polyclonal Antibody

Catalog # AI10028

Product Information

Application	WB
Primary Accession	Q96GD3
Other Accession	Q96GD3-4 , NP_036368 , NM_012236
Reactivity	Human, Mouse, Rat, Rabbit, Dog, Horse, Bovine, Yeast
Predicted	Human, Mouse, Rat, Rabbit, Chicken, Dog, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	73354

Additional Information

Gene ID	22955
Alias Symbol	Scml3
Other Names	Polycomb protein SCMH1, Sex comb on midleg homolog 1, SCMH1 {ECO:0000312 EMBL:CAH727931}
Target/Specificity	SCMH1 is a component of the Polycomb group (PcG) multiprotein PRC1 complex, a complex required to maintain the transcriptionally repressive state of many genes, including Hox genes, throughout development. PcG PRC1 complex acts via chromatin remodeling and modification of histones, it mediates monoubiquitination of histone H2A 'Lys-119', rendering chromatin heritably changed in its expressibility.
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-SCMH1 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at -20°C. Avoid repeat freeze-thaw cycles.
Precautions	SCMH1 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	SCMH1 {ECO:0000312 EMBL:CAH72793.1}
Function	Associates with Polycomb group (PcG) multiprotein complexes; the complex class is required to maintain the transcriptionally repressive state of some genes.

Cellular Location

Nucleus.

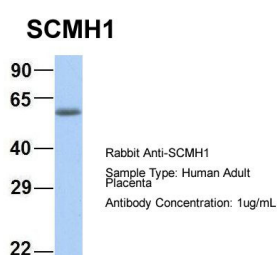
Tissue Location

Strongly expressed in heart, muscle and pancreas. Weakly expressed in brain, placenta, lung, liver and kidney

Background

This is a rabbit polyclonal antibody against SCM1. It was validated on Western Blot using a cell lysate as a positive control. Abgent strives to provide antibodies covering each member of a whole protein family of your interest. We also use our best efforts to provide you antibodies recognize various epitopes of a target protein. For availability of antibody needed for your experiment, please inquire (sales@abgent.com).

Images



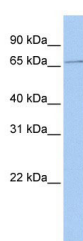
SCMH1 antibody - middle region (AI10028) in Hum. Adult Placenta cells using Western Blot

Host: Rabbit

Target Name: CHAD

Sample Tissue: Human Adult Placenta

Antibody Dilution: 1.0 µg/ml



SCMH1 antibody - middle region (AI10028) in Human MCF-7 cells using Western Blot

WB Suggested Anti-SCMH1 Antibody Titration: 0.2-1 µg/ml

ELISA Titer: 1:62500

Positive Control: MCF7 cell lysate

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.