SCML1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	SCML1, Polyclonal Antibody
Full Product Name	SCML1 Antibody
Product Gene Name	anti-SCML1 antibody
Product Synonym Names	Sex comb on midleg-like protein 1
Clonality	Polyclonal
Isotype	Rabbit IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration	1mg/ml (lot specific)
Specificity	This antibody detects endogenous levels of SCML1 at Human
Preparation and Storage	Store at -20 degree C/1 year
Molecular Weight	34,216 Da
OMIM	300227
3D Structure	ModBase 3D Structure for Q9UN30
Immunogen	Synthesized peptide derived from human SCML1
Modification	Unmodified/Total
Product Categories/Family for anti-SCML1 antibody	Primary Antibodies
Applications Tested/Suitable for anti-SCML1 antibody	Western Blot (WB)
Application Notes for anti-SCML1 antibody	WB: 1:500-2000
Related Product Information for anti-SCML1 antibody	MBS9524325 is an antibody targeting SCML1. Also known as SCML1 Antibody. Reactive in Human. Host: Rabbit.
Other Notes	Small volumes of anti-SCML1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for SCML1. It may not necessarily be applicable to this product.

NCBI GI #	544063400
NCBI GeneID	6322

NCBI Accession #	NP_006737.2
UniProt Primary Accession #	Q9UN30
UniProt Secondary Accession #	Q5H968; Q5H969; B0FZN6; B2RA08
UniProt Related Accession #	Q9UN30
GenBank Nucleotide #	NM_006746
NCBI Official Full Name	Homo sapiens sex comb on midleg-like 1 (Drosophila) (SCML1), transcript variant 2, mRNA
NCBI Official Synonym Full Names	sex comb on midleg-like 1 (Drosophila)
NCBI Official Symbol	SCML1
UniProt Protein Name	Sex comb on midleg-like protein 1
Protein Family	Sex comb on midleg-like protein
UniProt Gene Name	SCML1
UniProt Entry Name	SCML1_HUMAN
NCBI Protein Information	sex comb on midleg-like protein 1
UniProt Comments for SCML1	SCML1: 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. May be involved in spermatogenesis during sexual maturation. Belongs to the SCM family. 3 isoforms of the human protein are produced by alternative splicing. Chromosomal Location of Human Ortholog: Xp22 Cellular Component: nucleus Molecular Function: DNA binding; transcription factor activity Biological Process: anatomical structure morphogenesis; regulation of transcription, DNA-dependent; transcription, DNA-dependent
Research Articles on SCML1	**1.** the molecular evolutionary pattern of SCML1 in diverse primate species showed a strong signature of adaptive evolution which is caused by Darwinian positive selection
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