

Datasheet for ABIN6741563
anti-SCML1 antibody (AA 108-157)

3 Images

[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	SCML1
Binding Specificity:	AA 108-157
Reactivity:	Human, Pig, Monkey
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SCML1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Brand:	IHC-plus™
Immunogen:	Synthetic peptide located between aa108-157 of human SCML1 (Q5H968, NP_006737). Percent identity by BLAST analysis: Human, Gorilla, Orangutan, Monkey, Pig (100%), Chimpanzee, Gibbon (92%), Elephant (84%). Type of Immunogen: Synthetic peptide
Isotype:	IgG
Specificity:	Human SCML1
Predicted Reactivity:	Percent identity by BLAST analysis: Human (100%) Pig (85%).
Purification:	Immunoaffinity purified

Target Details

Target:	SCML1
Alternative Name:	SCML1 (SCML1 Products)
Background:	Name/Gene ID: SCML1 Synonyms: SCML1
Gene ID:	6322
NCBI Accession:	NP_006737
UniProt:	Q9UN30

Application Details

Application Notes:	Approved: IHC, IHC-P (5 µg/mL), WB (0.2 - 1 µg/mL) Usage: Immunohistochemistry: This antibody was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for this antibody was determined to be 5 µg/mL. Western Blot: Suggested dilution at 1 µg/mL in 5 % skim milk / PBS buffer, and HRP conjugated anti-Rabbit IgG should be diluted in 1:50000 - 100000 as second antibody. ELISA titer in peptide based assay: 1:12500.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

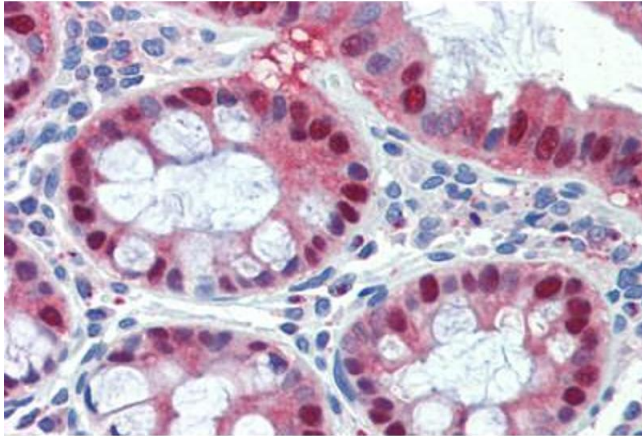
Handling

Format:	Lyophilized
Reconstitution:	Distilled water
Concentration:	Lot specific
Buffer:	Lyophilized from PBS with 2 % sucrose
Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	4 °C, -20 °C

Handling

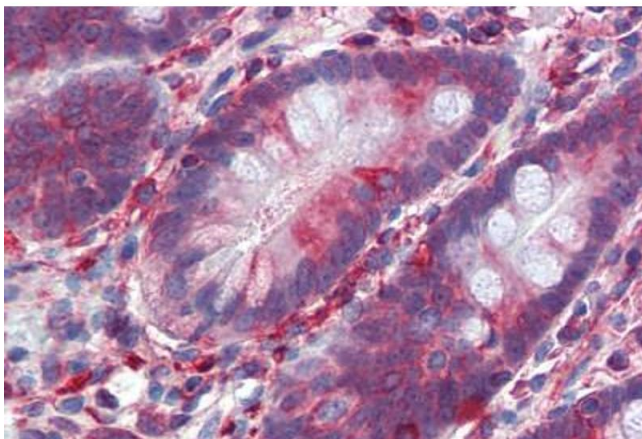
Storage Comment: Long term: -20°C, the use of 50% glycerol is recommended if storing aliquots in -20°C for long term use (up to 1 year)
Short term (less than 1 week): 4°C. Avoid freeze-thaw cycles.

Images



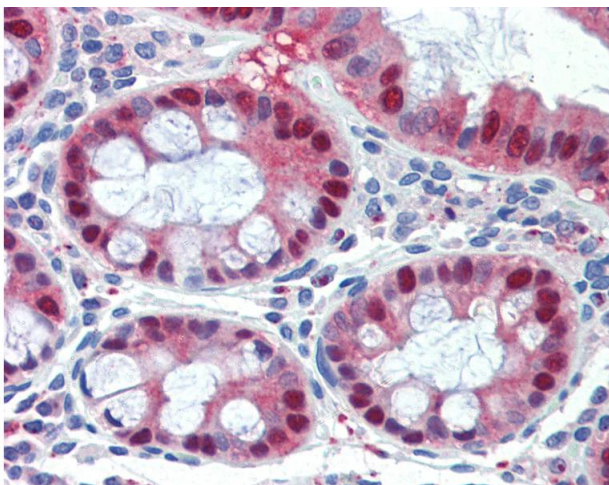
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Human Colon (formalin-fixed, paraffin-embedded) stained with SCML1 antibody ABIN462201 followed by biotinylated goat anti-rabbit IgG secondary antibody ABIN481713, alkaline phosphatase-streptavidin and chromogen.



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Human Small Intestine (formalin-fixed, paraffin-embedded) stained with SCML1 antibody ABIN462201 followed by biotinylated goat anti-rabbit IgG secondary antibody ABIN481713, alkaline phosphatase-streptavidin and chromogen.



Immunohistochemistry

Image 3. Anti-SCML1 antibody IHC of human colon. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml. This image was taken for the unconjugated form of this product. Other form ...