

Datasheet for ABIN6148107
anti-SMARCB1 antibody (AA 77-376)



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3 Images

Overview

Quantity:	100 µL
Target:	SMARCB1
Binding Specificity:	AA 77-376
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SMARCB1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunoprecipitation (IP)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 77-376 of human SMARCB1/SNF5 (NP_001007469.1).
Sequence:	TSVTLLKASE VEEILDGND E KYKAVSISTE PPTYLREQKA KRNSQWVPTL PNSSHHLDAV PCSTTINRNR MGRDKKRTFP LCFDDHDP AV IHENASQPEV LVPIRLDMEI DGQKLRDAFT WNMNEKLMTP EMFSEILCDD LDLNPLTFVP AIASAIRQQI ESYPTDSILE DQSDQRV I I K LNIHVGNISL VDQFEWDMSE KENSPEKFAL KLCSELGLGG EFVTTIAYS I RGQLSWHQKT YAFSENPLPT VEI AIRNTGD ADQWCPLLET LTDAEMEKKI RDQDRNTRRM RRLANTAPAW
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

Target Details

Target: SMARCB1

Alternative Name: SMARCB1 ([SMARCB1 Products](#))

Name:

Background: The protein encoded by this gene is part of a complex that relieves repressive chromatin structures, allowing the transcriptional machinery to access its targets more effectively. The encoded nuclear protein may also bind to and enhance the DNA joining activity of HIV-1 integrase. This gene has been found to be a tumor suppressor, and mutations in it have been associated with malignant rhabdoid tumors. Alternatively spliced transcript variants have been found for this gene.,SMARCB1,BAF47,CSS3,INI1,MRD15,PPP1R144,RDT,RTPS1,SNF5,SNF5L1,SWNTS1,Sfh1p,Snr1,hSNFS,Epigenetics & Nuclear Signaling,Chromatin Remodeling,Cancer,Tumor suppressors,Cell Biology & Developmental Biology,Apoptosis,SMARCB1

Molecular Weight: 43 kDa/44 kDa

Weight:

Gene ID: 6598

UniProt: [Q12824](#)

Application Details

Application Notes: WB,1:500 - 1:2000,IHC,1:50 - 1:200,IF,1:50 - 1:200,IP,1:50 - 1:200

Comment: HIGH QUALITY

Restrictions: For Research Use only

Handling

Format: Liquid

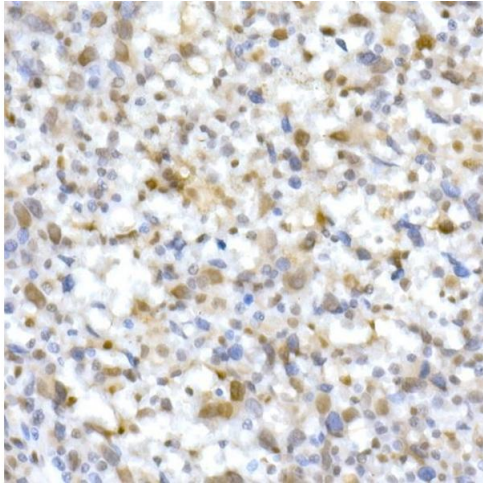
Buffer: PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

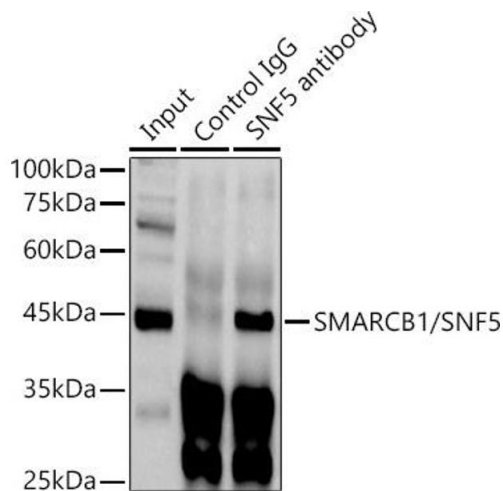
Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



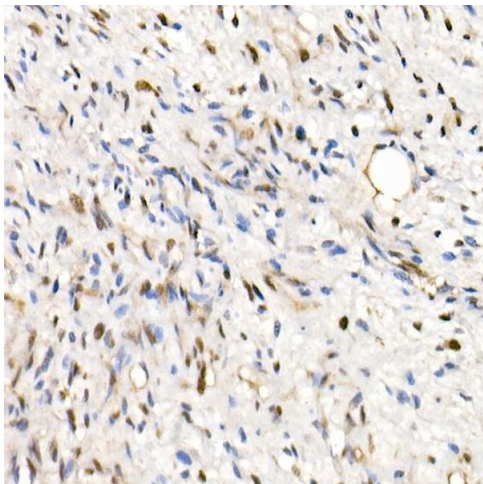
Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded Undifferentiated carcinoma of human esophagus using SM/SNF5 Rabbit pAb at dilution of 1:250 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Immunoprecipitation

Image 2. Immunoprecipitation analysis of 300 µg extracts of HeLa cells using 3 µg SM/SNF5 antibody. Western blot was performed from the immunoprecipitate using SM/SNF5 antibody at a dilution of 1:1000.



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded Human epithelioid sarcoma (ini-1 deletion) using SM/SNF5 Rabbit pAb at dilution of 1:250 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.