

Anti-KMT3C / SMYD2 antibody ab108217

★★★★★ [3 Abreviews](#) [4 References](#) [3 图像](#)

概述

产品名称	Anti-KMT3C / SMYD2抗体
描述	兔多克隆抗体to KMT3C / SMYD2
宿主	Rabbit
经测试应用	适用于: WB, IP
种属反应性	与反应: Mouse, Human 预测可用于: Rabbit, Horse, Chicken, Guinea pig, Cow, Dog, Turkey, Pig, Rhesus monkey, Gorilla, Orangutan, Platypus 
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
阳性对照	HeLa, 293T and NIH 3T3 whole cell lysates
常规说明	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	pH: 7 Preservative: 0.09% Sodium azide Constituent: Tris citrate/phosphate
纯度	Immunogen affinity purified
纯化说明	ab108217 was affinity purified using an epitope specific to KMT3C / SMYD2 immobilized on solid support.
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab108217于以下的经测试应用

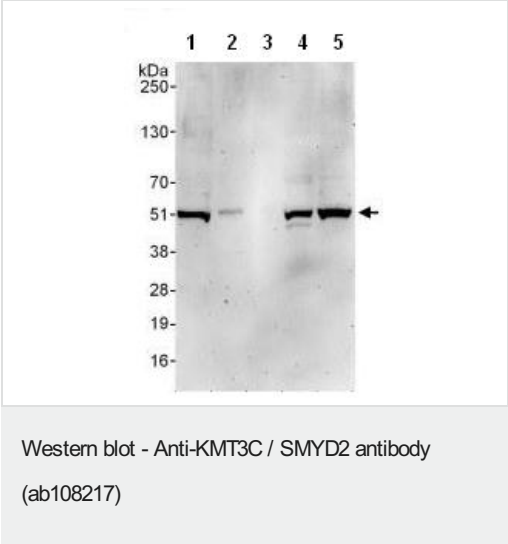
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB	★★★★★ (3)	1/2000 - 1/10000. Predicted molecular weight: 50 kDa.
IP		Use at 2-5 µg/mg of lysate.

靶标

功能	Protein-lysine N-methyltransferase that methylates both histones and non-histone proteins. Specifically methylates histone H3 'Lys-4' (H3K4me) and dimethylates histone H3 'Lys-36' (H3K36me2). Has also methyltransferase activity toward non-histone proteins such as p53/TP53 and RB1. Monomethylates 'Lys-370' of p53/TP53, leading to decreased DNA-binding activity and subsequent transcriptional regulation activity of p53/TP53. Monomethylates 'Lys-860' of RB1/RB.
序列相似性	Contains 1 MYND-type zinc finger. Contains 1 SET domain.
细胞定位	Cytoplasm > cytosol. Nucleus.

图片



All lanes : Anti-KMT3C / SMYD2 antibody (ab108217) at 0.1 µg/ml

Lane 1 : HeLa whole cell lysate at 50 µg

Lane 2 : HeLa whole cell lysate at 15 µg

Lane 3 : HeLa whole cell lysate at 5 µg

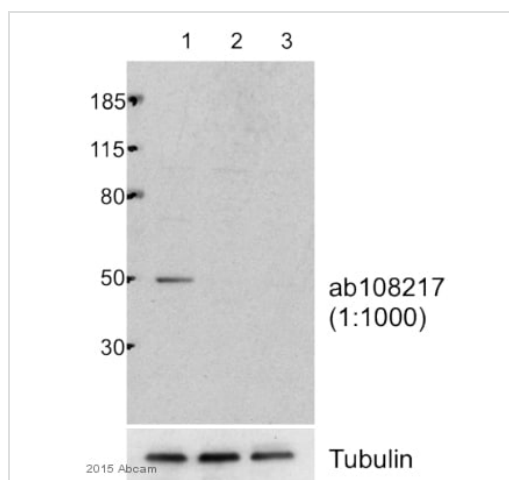
Lane 4 : 293T whole cell lysate at 50 µg

Lane 5 : NIH 3T3 whole cell lysate at 50 µg

Developed using the ECL technique.

Predicted band size: 50 kDa

Exposure time: 3 minutes



Western blot - Anti-KMT3C / SMYD2 antibody
(ab108217)

This image is courtesy of an anonymous Abreview

All lanes : Anti-KMT3C / SMYD2 antibody (ab108217) at 1/1000 dilution

Lane 1 : U2OS whole cell lysate - siRNA targeting luciferase

Lanes 2-3 : U2OS whole cell lysate - siRNA targeting SMYD2

Lysates/proteins at 15 µg per lane.

Secondary

All lanes : HRP-conjugated goat anti-rabbit IgG at 1/1000 dilution

Developed using the ECL technique.

Performed under reducing conditions.

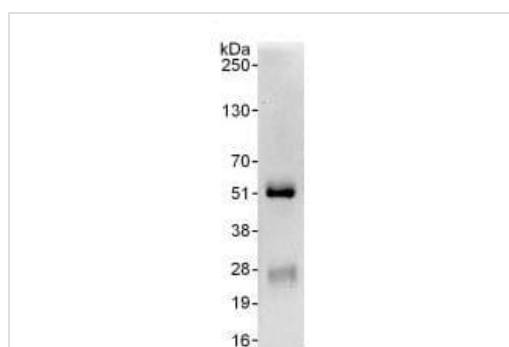
Predicted band size: 50 kDa

Observed band size: 50 kDa

Exposure time: 20 seconds

Blocked with 5% BSA for 1 hour at room temperature.

Primary antibody incubation time: 1 hour.



Immunoprecipitation - Anti-KMT3C / SMYD2
antibody (ab108217)

Detection of KMT3C / SMYD2 by Western blot of Immunoprecipitate.
ab108217, at 1 µg/ml, staining KMT3C / SMYD2 in HeLa whole cell
lysate immunoprecipitated using ab108217 at 6 µg/mg lysate (1
mg/IP; 20% of IP loaded/lane).

Detection: Chemiluminescence with an exposure time of 10
seconds.

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