

Anti-SMARCA6 antibody ab3851

★★★★★ [3 Abreviews](#) [2 References](#) [画像数 2](#)

製品の概要

製品名	Anti-SMARCA6 antibody
製品の詳細	Rabbit polyclonal to SMARCA6
由来種	Rabbit
アプリケーション	適用あり: WB
種交差性	交差種: Human
免疫原	Synthetic peptide (Human) - which represents a portion of human Helicase Lymphoid Specific encoded in part by exons 15 and 16.
ポジティブ・コントロール	WB: HeLa whole cell lysate
特記事項	

DNA helicases (Hel) play a role in a number of processes involving DNA strand separation, including replication, repair, recombination, and transcription. Jarvis et al. (1996) identified a mouse gene encoding a novel putative helicase. They designated the gene LSH, for lymphoid-specific Hel, because Northern blot analysis revealed that it was expressed specifically in mouse early thymocytes. Geiman et al. (1998) determined that the mouse LSH, or HELLS (helicase lymphoid-specific), gene contains at least 18 exons and spans more than 26.6 kb. Using Northern blot analysis, these authors found that human HELLS is expressed in testis and thymus, two tissues that are highly active in DNA recombination. Geiman and Muegge (2000) demonstrated that LSH is not obligatory for normal lymphoid development but is essential for normal proliferation of peripheral T lymphocytes.

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製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

バッファー	pH: 7 Preservative: 0.1% Sodium azide Constituents: 0.021% PBS, 1.764% Sodium citrate, 1.815% Tris
精製度	Immunogen affinity purified
一次抗体 備考	DNA helicases (Hel) play a role in a number of processes involving DNA strand separation, including replication, repair, recombination, and transcription. Jarvis et al. (1996) identified a mouse gene encoding a novel putative helicase. They designated the gene LSH, for lymphoid-specific Hel, because Northern blot analysis revealed that it was expressed specifically in mouse early thymocytes. Geiman et al. (1998) determined that the mouse LSH, or HELLS (helicase lymphoid-specific), gene contains at least 18 exons and spans more than 26.6 kb. Using Northern blot analysis, these authors found that human HELLS is expressed in testis and thymus, two tissues that are highly active in DNA recombination. Geiman and Muegge (2000) demonstrated that LSH is not obligatory for normal lymphoid development but is essential for normal proliferation of peripheral T lymphocytes.
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

アプリケーション

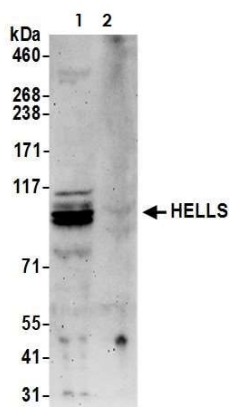
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アプリケーション	Abreviews	特記事項
WB	★★★★★ (2)	1/2000 - 1/10000. Detects a band of approximately 97 kDa (predicted molecular weight: 97 kDa).

ターゲット情報

機能	Plays an essential role in normal development and survival. Involved in regulation of the expansion or survival of lymphoid cells. Required for de novo or maintenance DNA methylation. May control silencing of the imprinted CDKN1C gene through DNA methylation. May play a role in formation and organization of heterochromatin, implying a functional role in the regulation of transcription and mitosis.
組織特異性	Highly expressed in proliferative tissues such as adult thymus and testis, and expressed at lower levels in uterus, small intestine, colon, and peripheral blood mononuclear cells. Also expressed in neoplastic cell lines including those derived from myeloid and lymphoid leukemias.
配列類似性	Belongs to the SNF2/RAD54 helicase family. Contains 1 helicase ATP-binding domain. Contains 1 helicase C-terminal domain.
細胞内局在	Nucleus. Closely associated with pericentric heterochromatin.

画像



Western blot - Anti-SMARCA6 antibody (ab3851)

All lanes : Anti-SMARCA6 antibody (ab3851) at 0.1 µg/ml

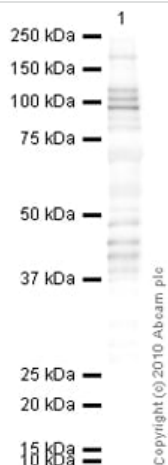
Lane 1 : HeLa whole cell lysate

Lane 2 : K562 whole cell lysate

Lysates/proteins at 50 µg per lane.

Predicted band size: 97 kDa

Exposure time: 3 minutes



Western blot - Anti-SMARCA6 antibody (ab3851)

Anti-SMARCA6 antibody (ab3851) at 1 µg/ml + Human thymus tissue lysate - total protein ([ab30146](#)) at 10 µg

Secondary

Goat Anti-Rabbit IgG H&L (HRP) preadsorbed ([ab97080](#)) at 1/5000 dilution

Developed using the ECL technique.

Performed under reducing conditions.

Predicted band size: 97 kDa

Observed band size: 97 kDa

Additional bands at: 102 kDa, 120 kDa, 47 kDa. We are unsure as to the identity of these extra bands.

Exposure time: 30 seconds

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