


Anti-Slingshot homolog 1/SSH1 antibody ab76943

12 References **画像数 2**

製品の概要

製品名	Anti-Slingshot homolog 1/SSH1 antibody
製品の詳細	Rabbit polyclonal to Slingshot homolog 1/SSH1
由来種	Rabbit
アプリケーション	適用あり: WB, IP
種交差性	交差種: Human 交差が予測される動物種: Gorilla, Orangutan 
免疫原	Synthetic peptide corresponding to Human Slingshot homolog 1/SSH1 aa 675-725. Database link: NP_061857.2
ポジティブ・コントロール	WB: HeLa and 293T whole cell lysates; IP: HeLa whole cell lysates
特記事項	<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>

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: 6.8 Preservative: 0.09% Sodium azide Constituents: 0.1% BSA, Tris buffered saline
精製度	Immunogen affinity purified
特記事項 (精製)	ab76943 was affinity purified using an epitope specific to Slingshot homolog 1/SSH1 immobilized on solid support.
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

The Abpromise guarantee

Abpromise保証は、次のテスト済みアプリケーションにおけるab76943の使用に適用されます

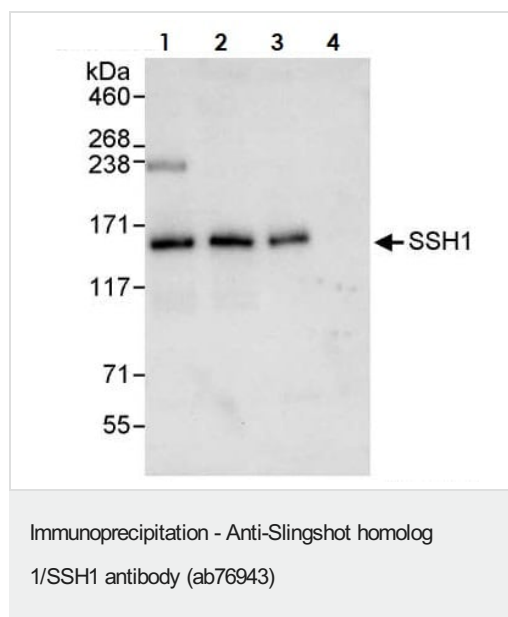
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB		1/2000 - 1/10000. Detects a band of approximately 150 kDa (predicted molecular weight: 116 kDa).
IP		Use at 2-5 - 5 µg/mg of lysate.

ターゲット情報

機能	Protein phosphatase which regulates actin filament dynamics. Dephosphorylates and activates the actin binding/depolymerizing factor cofilin, which subsequently binds to actin filaments and stimulates their disassembly. Inhibitory phosphorylation of cofilin is mediated by LIMK1, which may also be dephosphorylated and inactivated by this protein.
配列類似性	Belongs to the protein-tyrosine phosphatase family. Contains 1 tyrosine-protein phosphatase domain.
翻訳後修飾	Phosphorylated. Inhibitory phosphorylation by PAK4 promotes binding to YWHAZ. Phosphorylation at Ser-978 is decreased by stimuli which promote actin reorganization and lamellipodia formation. Can be dephosphorylated and activated by PPP3CA/calcineurin A. Phosphorylation decreases immediately prior to telophase.
細胞内局在	Cytoplasm > cytoskeleton. Cell projection > lamellipodium. Cleavage furrow. Midbody. Also recruited to actin rich membrane protrusions such as lamellipodia, which may allow local control of actin dynamics at sites of cell locomotion. Also localized to the cleavage furrow and the midbody during cytokinesis.

画像



Slingshot/ SSH1 was immunoprecipitated from HeLa whole cell lysate (1 mg per IP reaction, 20% loaded) with ab76943 at 3 µg per reaction. Western blot was performed on the immunoprecipitate using ab76943 at 0.04 µg/mL.

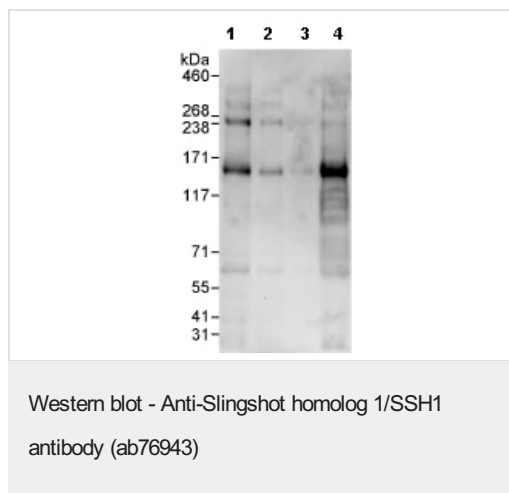
Lane 1: ab76943 IP in HeLa whole cell lysate.

Lane 2: rabbit anti-SSH1 antibody recognising a downstream epitope IP in HeLa whole cell lysate.

Lane 3: rabbit anti-SSH1 antibody recognising a downstream epitope IP in HeLa whole cell lysate.

Lane 4: Control IgG in HeLa whole cell lysate.

Detection: Chemiluminescence with an exposure time of 10 seconds



All lanes : Anti-Slingshot homolog 1/SSH1 antibody (ab76943) at 0.04 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

Predicted band size: 116 kDa

Observed band size: 150 kDa

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