

Anti-L3MBTL1 antibody ab97304

★★★★★ 1 Abreviews 両俵数 2

医薬用外劇物

製品の概要

製品名	Anti-L3MBTL1 antibody
製品の詳細	Rabbit polyclonal to L3MBTL1
由来種	Rabbit
アプリケーション	適用あり: WB, ICC/IF
種交差性	交差種: Human
免疫原	Recombinant protein fragment corresponding to a region within amino acids 365 and 723 of L3MBTL.
ポジティブ・コントロール	293T, A431, H1299, HeLaS3, HepG2, MOLT4 or Raji cell lysate; ICC/IF: HeLa cells.
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&amp;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 or -80°C. Avoid repeated freeze / thaw cycles.
バッファー	pH: 7.00 Preservative: 0.01% Thimerosal (merthiolate) Constituents: 1.21% Tris, 0.75% Glycine, 10% Glycerol (glycerin, glycerine)
精製度	Immunogen affinity purified
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ab97304の使用に適用されます

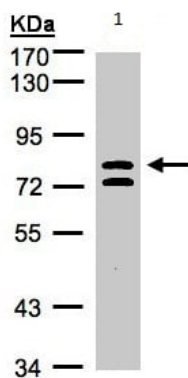
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご確認ください。

アプリケーション	Abreviews	特記事項
WB		1/500 - 1/3000. Predicted molecular weight: 84 kDa.
ICC/IF	★★★★★ (1)	1/100 - 1/200.

## ターゲット情報

機能	Polycomb group (PcG) protein that specifically recognizes and binds mono- and dimethyllysine residues on target proteins, thereby acting as a 'reader' of a network of post-translational modifications. PcG proteins maintain the transcriptionally repressive state of genes: acts as a chromatin compaction factor by recognizing and binding mono- and dimethylated histone H1b/HIST1H1E at 'Lys-26' (H1bK26me1 and H1bK26me2) and histone H4 at 'Lys-20' (H4K20me1 and H4K20me2), leading to condense chromatin and repress transcription. Recognizes and binds p53/TP53 monomethylated at 'Lys-382', leading to repress p53/TP53-target genes. Also recognizes and binds RB1/RB monomethylated at 'Lys-860'. Participates in the ETV6-mediated repression. Probably plays a role in cell proliferation. Overexpression induces multinucleated cells, suggesting that it is required to accomplish normal mitosis.
組織特異性	Widely expressed. Expression is reduced in colorectal cancer cell line SW480 and promyelocytic leukemia cell line HL-60.
配列類似性	Contains 1 C2HC-type zinc finger. Contains 3 MBT repeats. Contains 1 SAM (sterile alpha motif) domain.
発生段階	In interphase cells, it is scattered throughout the nucleoplasm. In mitotic cells, it strongly associates with condensed chromosomes from the prophase to telophase.
ドメイン	The MBT repeat 2 specifically recognizes and binds monomethylated and dimethylated proteins. In contrast, it does not bind trimethylated proteins. The MBT repeat 1 does not bind methylated peptides but inserts a proline ring in a Pro-Ser-Ser/Thr sequence context.
細胞内局在	Nucleus. Excluded from the nucleolus. Does not colocalize with the PcG protein BMI1, suggesting that these two proteins do not belong to the same complex.

## 画像

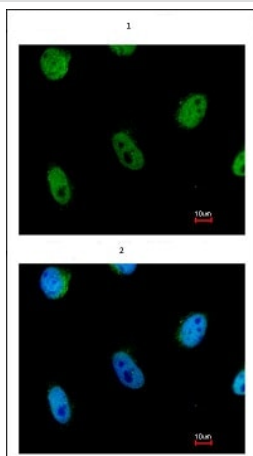


Anti-L3MBTL1 antibody (ab97304) at 1/1000 dilution + HeLa S3 whole cell lysate at 30 µg

**Predicted band size:** 84 kDa

7.5% SDS PAGE

Western blot - Anti-L3MBTL1 antibody (ab97304)



Images show immunofluorescence analysis of paraformaldehyde-fixed HeLa cells, using 1/200 ab97304 alone (1) or merged with DNA probe (2) .

Immunocytochemistry/ Immunofluorescence - Anti-L3MBTL1 antibody (ab97304)

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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