abcam

Product datasheet

Anti-HIC5 antibody [4B2-D8] ab57754

画像数 1

製品の概要

製品名	Anti-HIC5 antibody [4B2-D8]
製品の詳細	Mouse monoclonal [4B2-D8] to HIC5
由来種	Mouse
アプリケーション	**適用あり:** WB
種交差性	**交差種:** Human
免疫原	Recombinant full length protein, corresponding to amino acids 1-445 of Human HIC5

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	Preservative: None PBS, pH 7.2
精製度	Protein G purified
ポリ/モノ	モノクローナル
クローン名	4B2-D8
アイソタイプ	IgG1
軽鎖の種類	kappa

アプリケーション

Our Abpromise guarantee covers the use of **ab57754** in the following tested applications.

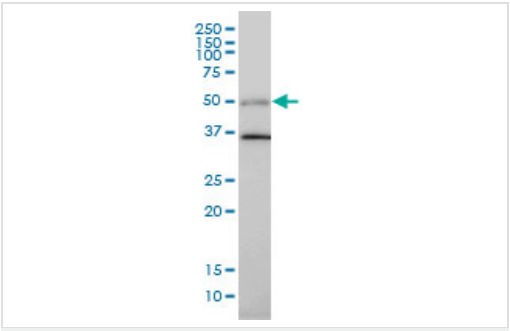
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	Abreviews	特記事項
WB		Use a concentration of 1 - 5 µg/ml. Predicted molecular weight: 48 kDa.

ターゲット情報

機能	Functions as a molecular adapter coordinating multiple protein-protein interactions at the focal adhesion complex and in the nucleus. Links various intracellular signaling modules to plasma membrane receptors and regulates the Wnt and TGFB signaling pathways. May also regulate SLC6A3 and SLC6A4 targeting to the plasma membrane hence regulating their activity. In the nucleus, functions as a nuclear receptor coactivator regulating glucocorticoid, androgen, mineralocorticoid and progesterone receptor transcriptional activity. May play a role in the processes of cell growth, proliferation, migration, differentiation and senescence. May have a zinc-dependent DNA-binding activity.
組織特異性	Expressed in platelets, smooth muscle and prostate stromal cells (at protein level).
配列類似性	Belongs to the paxillin family. Contains 4 LIM zinc-binding domains.
ドメイン	The LIM zinc-binding domains mediate glucocorticoid receptor coactivation and interaction with AR, CRIP2, ILK, LIMS1, NR3C1, PPARG, TCF3, TCF7L2, SLC6A3 and SMAD3. The LIM zinc-binding 2 and LIM zinc-binding 3 domains mediate targeting to focal adhesions and actin stress fibers. The LIM zinc-binding 3 and LIM zinc-binding 4 domains mediate interaction with TRAF4 and MAPK15. The LIM zinc-binding 4 domain mediates interaction with HSPB1, homooligomerization and targeting to the nuclear matrix. The LIM zinc-binding 3 domain mediates interaction with PTPN12. The LD (leucine and aspartate-rich) motif 3 mediates interaction with GIT1 and functions as a nuclear export signal.
翻訳後修飾	Phosphorylated by gonadotropin-releasing hormone-activated SRC.
細胞内局在	Cell junction > focal adhesion. Nucleus matrix. Cytoplasm > cytoskeleton. Associated with the actin cytoskeleton; colocalizes with stress fibers.

画像



Western blot - Anti-HIC5 antibody [4B2-D8] (ab57754)

HIC5 antibody (ab57754) at 1ug/lane + HeLa cell lysate at 25ug/lane.

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