abcam

Product datasheet

Anti-IGF2BP2 antibody [4D10] ab119041

画像数 4

製品の概要

製品名	Anti-IGF2BP2 antibody [4D10]
製品の詳細	Mouse monoclonal [4D10] to IGF2BP2
由来種	Mouse
アプリケーション	**適用あり:** WB, Flow Cyt, ICC/IF
種交差性	**交差種:** Human, Monkey
免疫原	Recombinant full length Human IGF2BP2 produced in HEK293T cells (NM_006548).
ポジティブ・コントロール	HEK293T cell lysate transfected with pCMV6-ENTRY IGF2BP2 cDNA; HepG2, HT29 and COS7 cell extracts; COS7 cells transiently transfected with pCMV6-ENTRY IGF2BP2; HEK293T cells transfected with an IGF2BP2 overexpress plasmid
特記事項	Dilute in PBS (pH7.3) before use. Stable for 12 months from date of receipt.

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 repeated freeze / thaw cycles.
バッファー	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: 48% PBS, 1% BSA, 50% Glycerol
精製度	Protein G purified
特記事項（精製）	ab119041 was purified from mouse ascites fluids by affinity chromatography.
ポリ/モノ	モノクローナル
クローン名	4D10
アイソタイプ	IgG1

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ab119041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		1/500 - 1/2000. Predicted molecular weight: 66 kDa.
Flow Cyt		1/100. **ab170190** - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.
ICC/IF		1/100.

ターゲット情報

機能

Binds to the 5'-UTR of the insulin-like growth factor 2 (IGF2) mRNAs. Binding is isoform-specific. May regulate translation of target mRNAs.

組織特異性

Expressed in oocytes, granulosa cells of small and growing follicles, Leydig cells, spermatogonia and semen (at protein level). Expressed in testicular cancer (at protein level). Expressed weakly in heart, placenta, skeletal muscle, bone marrow, colon, kidney, salivary glands, testis and pancreas. Detected in fetal liver, fetal ovary, gonocytes and interstitial cells of the testis.

配列類似性

Belongs to the RRM IMP/VICKZ family.
Contains 4 KH domains.
Contains 2 RRM (RNA recognition motif) domains.

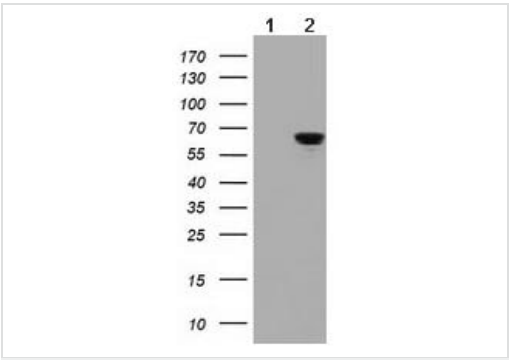
ドメイン

The third and fourth KH domains are important for binding to the untranslated region (UTR) of target mRNA.

細胞内局在

Cytoplasm. Localized in cytoplasmic mRNP granules containing untranslated mRNAs. Localizes at the connecting piece and the tail of the spermatozoa.

画像



Western blot - Anti-IGF2BP2 antibody [4D10] (ab119041)

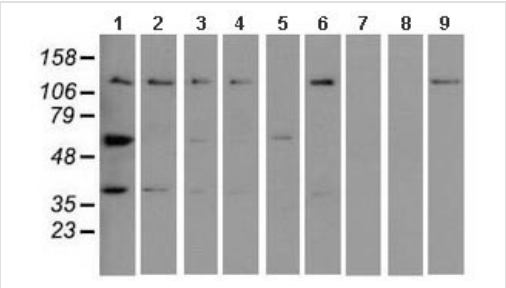
All lanes : Anti-IGF2BP2 antibody [4D10] (ab119041)

Lane 1 : HEK293T cell lysate transfected with pCMV6-ENTRY control
Lane 2 : HEK293T cell lysate transfected with pCMV6-ENTRY IGF2BP2 cDNA

Lysates/proteins at 5 µg per lane.

Predicted band size: 66 kDa

HEK293T cell lysates were generated from transient transfection of the cDNA clone (RC202288)



Western blot - Anti-IGF2BP2 antibody [4D10] (ab119041)

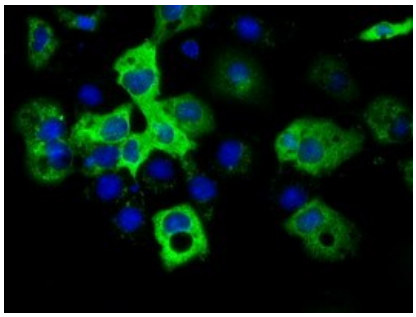
All lanes : Anti-IGF2BP2 antibody [4D10] (ab119041)

Lane 1 : HepG2 cell extract
Lane 2 : HeLa cell extract
Lane 3 : HT29 cell extract
Lane 4 : A549 cell extract
Lane 5 : COS7 cell extract
Lane 6 : Jurkat cell extract
Lane 7 : MDCK cell extract
Lane 8 : PC12 cell extract
Lane 9 : MCF7 cell extract

Lysates/proteins at 35 µg per lane.

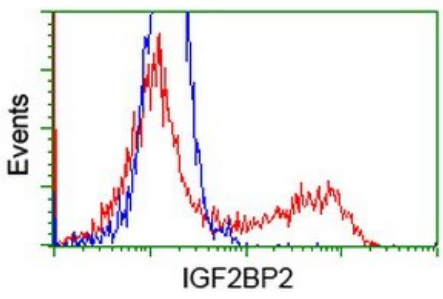
Predicted band size: 66 kDa

HEK293T cell lysates were generated from transient transfection of the cDNA clone (RC202263)



Immunocytochemistry/ Immunofluorescence - Anti-IGF2BP2 antibody [4D10] (ab119041)

ab119041, at 1/100 dilution, staining IGF2BP2 in COS7 cells transiently transfected with pCMV6-ENTRY IGF2BP2 by Immunofluorescence.



Flow Cytometry - Anti-IGF2BP2 antibody [4D10] (ab119041)

HEK293T cells transfected with an IGF2BP2 overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained using ab119041 at 1/100 dilution and then analyzed by flow cytometry.

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