

Product datasheet

Anti-AKAP13 antibody ab56916

画像数 1

製品の概要

製品名	Anti-AKAP13 antibody
製品の詳細	Mouse monoclonal to AKAP13
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 fragment, corresponding to amino acids 1-111 of Human AKAP13

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
アイソタイプ	IgG2a
軽鎖の種類	kappa

アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab56916** in the following tested applications.

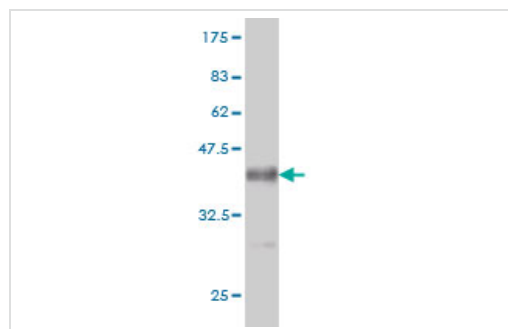
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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: 308 kDa.

ターゲット情報

機能	Anchors cAMP-dependent protein kinase (PKA) and acts as an adapter protein to selectively couple G alpha-13 and Rho. Augments gene activation by the estrogen receptor in an element-specific and ligand-dependent manner. Activates estrogen receptor beta by a p38 MAPK-dependent pathway. Isoform 6 stimulates exchange activity on Rho proteins in vitro, but not on CDC42, Ras or Rac and may bind calcium ions.
組織特異性	Isoform 3 and isoform 6 are found in hematopoietic cells, skeletal muscle, lung, heart, estrogen-responsive reproductive tissues, including breast ductal epithelium. Also found in testis and breast cancer cell lines. Isoform 6 is not found in brain, placenta, liver, pancreas or kidney. Isoform 7 is expressed in myeloid and lymphoid lineages, a variety of epithelial tissues and skeletal muscle. Isoform 2 is predominantly found in the heart and at lower levels in the lung, placenta, kidney, pancreas, skeletal muscle and liver.
配列類似性	Contains 1 DH (DBL-homology) domain. Contains 1 PH domain. Contains 1 phorbol-ester/DAG-type zinc finger.
ドメイン	Both the DH and PH domains are required for transforming activity.
細胞内局在	Cytoplasm; Cytoplasm. Nucleus and Membrane.

画像



Western blot - AKAP13 antibody (ab56916)

Anti-AKAP13 antibody (ab56916) at 5 µg/ml +
0.2 µg/lane of partial recombinant AKAP13
protein with a tag

Secondary

Goat anti mouse IgG (H&L)-HRP conjugate at
1/5000 dilution

Predicted band size: 308 kDa

Observed band size: 38 kDa

Note: The difference between predicted and actual band sizes may be due to the fact that ab56916 was tested against a partial recombinant AKAP13 protein, and not the full length protein.

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