

Product datasheet

Anti-AKAP13 antibody ab56916

画像数 1

製品の概要

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| 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

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|--------|---|
| 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.

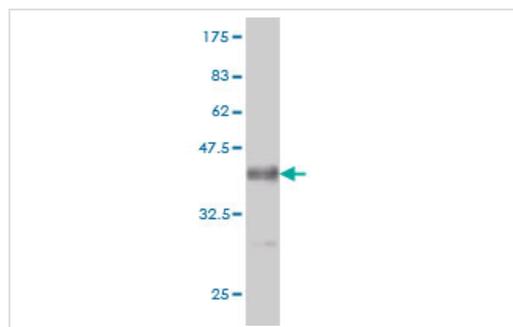
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| 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

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|--------------|--|
| 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 - Anti-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.

Please note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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