


Product datasheet

Anti-ADAM19 antibody ab104800

1 References [画像数 1](#)

製品の概要

製品名	Anti-ADAM19 antibody
製品の詳細	Rabbit polyclonal to ADAM19
由来種	Rabbit
アプリケーション	適用あり: WB
種交差性	交差種: Human 交差が予測される動物種: Mouse, Rat, Rabbit, Horse, Chicken, Guinea pig, Cow, Cat, Dog, Zebrafish 
免疫原	Synthetic peptide corresponding to a region within N terminal amino acids 218 - 267 (VADYLEFQKN RRDQDATKHK LIEIANYVDK FYRSLNIRIA LVGLEVWTHG) of Human ADAM19 (NP_075525). Run BLAST with ExPASy Run BLAST with NCBI
ポジティブ・コントロール	Human fetal muscle lysate

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	Preservative: None Constituents: 2% Sucrose, PBS
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

Our [Abpromise guarantee](#) covers the use of **ab104800** 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 µg/ml. Predicted molecular weight: 82 kDa. Good results were obtained when blocked with 5% non-fat dry milk in 0.05% PBS-T.

ターゲット情報

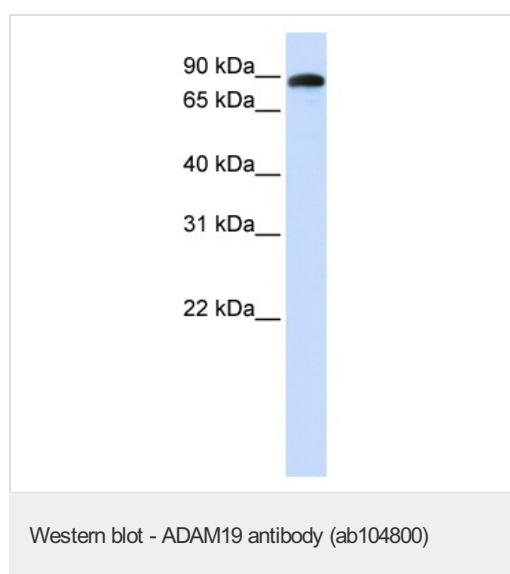
関連性

ADAM19, is a member of the ADAM (a disintegrin and metalloprotease-like domain) family. It has been cloned from mouse and human. ADAM19 was first described in muscle cells as a protein with homology to the fertilins (ADAMs 1 and 2). Initial observations indicated a role for ADAM19 in myoblast fusion, similar to sperm-egg fusion aided by ADAMs 1 and 2. Later works describe ADAM19 in the bone, muscle, lung, heart, brain, kidney, and a wide range of tissues. The Cytoplasmic domain of ADAM19, like ADAMs 9, 12 and 15, contains SH3 ligand domains, which are thought to interact with PKC-d, suggesting specific regulation routes for ADAM19. Also reported is a sequence of ADAM19 lacking the transmembrane and cytoplasmic domains, suggesting that a soluble form is produced. ADAM-19 contains the canonical HExxHxxxxH zinc metalloproteinase motif, and has been shown to be proteolytically active. Other ADAMs family members (ADAM-10, ADAM-17) have been more thoroughly studied, and are known to play key roles in inflammation, growth factor maturation and release, and a wide range of other functions. The full length ADAM19 sequence codes for a 956 amino acid protein, containing a Type-I transmembrane domain, with a predicted mass is 105 kD. Two shorter sequences have been reported: a 918 amino acid sequence that differs at the carboxyterminal end, and the soluble form, a 538 amino acid version with predicted mass of 59.9 kD. Mouse ADAM19 sequence is 920 AA, predicted at 100.86 kD.

細胞内局在

Cell Membrane. Type I membrane protein.

画像



Anti-ADAM19 antibody (ab104800) at 1/1 dilution + Human fetal muscle lysate at 10 µg

Predicted band size: 82 kDa

Gel concentration: 12%

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