

Product datasheet

Anti-MACF1 antibody ab117418

画像数 1

製品の概要

製品名	Anti-MACF1 antibody
製品の詳細	Rabbit polyclonal to MACF1
由来種	Rabbit
アプリケーション	<b>適用あり:</b> WB, ELISA
種交差性	<b>交差種:</b> Mouse, Rat
免疫原	Synthetic peptide corresponding to Mouse MACF1 aa 3651-3846. Sequence:  KLSPQELT ALREKLHQAK EQYEVQLQERT RVAQKELEEA VTSALQQETE KSKAATELAE NKRKIDALLD WVASVGSSER KPQASLPGME QFSGACLEKQ TLAATDGHVD VNQVPETLDR QYELMKARHQ ELLSQQNFVI VATQSVQSFL DQSHNLTPER ERQKLQEKLG ELKEQYAASL ARSEAELKQT QALRDEL  Database link: <a href="#">Q9QXZ0</a> <div style="float: right; margin-top: 10px;">   </div>
ポジティブ・コントロール	Mouse kidney tissue.

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	Constituents: Proprietary component, Whole serum
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 **ab117418** in the following tested applications.

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

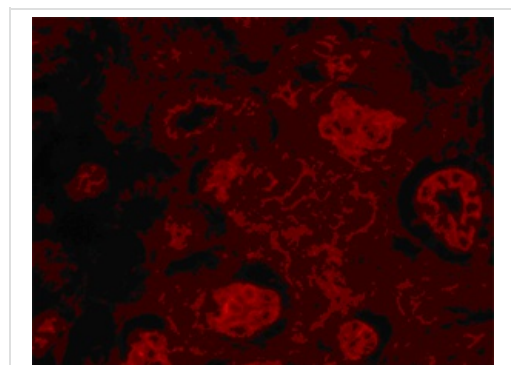
アプリケーション	Abreviews	特記事項
WB		1/500. Predicted molecular weight: 832 kDa.
ELISA		1/10000.

## ターゲット情報

**関連性** Microtubule-actin crosslinking factor 1 (MACF1/ACF7) belongs to spectraplakin family of proteins which also includes mammalian Bpag1/dystonin, Drosophila Short Stop (Shot) and Caenorhabditis elegans Vab-10. These are large actin-microtubule linker molecules that are essential for various biological processes such as neuronal degeneration, wound healing, gastrulation. MACF1, located on mouse chromosome 4D2.2, was found to play an important role during neurogenesis- it was shown that MACF1 regulates the organization of neuronal microtubules which is essential for axon extension. Furthermore, MACF1 is required in controlling focal adhesion assembly and dynamics. MACF1 behaves as an actin-regulated ATPase and it has the ability to target microtubules that track along F-actin to focal adhesions. MACF1 was also implicated in regulating filopodia formation.

**細胞内局在** Cytoplasmic, microtubule. Plasma membrane. Golgi apparatus.

## 画像



ab117418 at 1/500 dilution staining MACF1 in Mouse kidney tissue by Immunofluorescence.

Immunocytochemistry/ Immunofluorescence - Anti-MACF1 antibody (ab117418)

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

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