

Product datasheet

Anti-ANKRD15 antibody ab57391

画像数 1

製品の概要

製品名	Anti-ANKRD15 antibody
製品の詳細	Mouse monoclonal to ANKRD15
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: MGSLNSQLIS TLSSINSVMK SASTEELRNP DFQKTSLGKI TGNLYGYTCK CGGLQSGSPL SSQTSQPEQE VGTSEGKPIS SLDAFPTQEG TLSPVNLTTDD , corresponding to amino acids 701-800 of Human ANKRD15 Run BLAST with ExPASy Run BLAST with NCBI

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 **ab57391** 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
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WB

追加情報

WB: Use at a concentration of 1-5 µg/ml.

This antibody has only been tested in WB against the recombinant fragment used as immunogen. We have no data on the detection of endogenous protein.

Not yet tested in other applications.

Optimal dilutions/concentrations should be determined by the end user.

ターゲット情報

機能

Involved in the control of cytoskeleton formation by regulating actin polymerization. Inhibits actin fiber formation and cell migration. Inhibits RhoA activity; the function involves phosphorylation through PI3K/Akt signaling and may depend on the competitive interaction with 14-3-3 adapter proteins to sequester them from active complexes. Inhibits the formation of lamellipodia but not of filopodia; the function may depend on the competitive interaction with BAIAP2 to block its association with activated RAC1. Inhibits fibronectin-mediated cell spreading; the function is partially mediated by BAIAP2. Inhibits neurite outgrowth. Involved in the establishment and persistence of cell polarity during directed cell movement in wound healing. In the nucleus, is involved in beta-catenin-dependent activation of transcription. Potential tumor suppressor for renal cell carcinoma.

組織特異性

Widely expressed. Isoform 1 is predominantly expressed in heart and kidney. Isoform 2 probably is widely expressed at basic levels.

関連疾患

Defects in KANK1 are the cause of cerebral palsy spastic quadriplegic type 2 (CPSQ2) [MIM:612900]. A non-progressive disorder of movement and/or posture resulting from defects in the developing central nervous system. Affected individuals manifest congenital hypotonia evolving over the first year to spastic quadriplegia with accompanying transient nystagmus and varying degrees of mental retardation. Neuroimaging shows brain atrophy and ventriculomegaly.

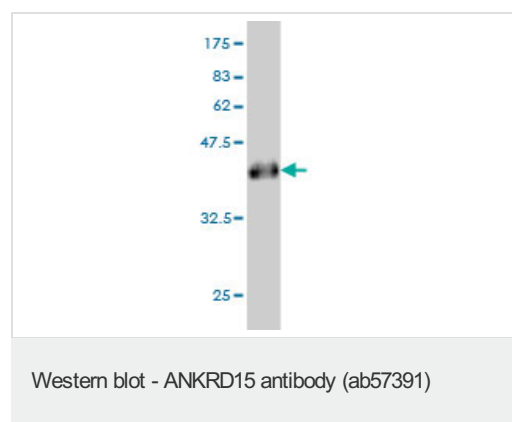
配列類似性

Contains 5 ANK repeats.

細胞内局在

Cell projection > ruffle membrane. Colocalizes with KIF21A in membrane ruffles; Cytoplasm. Nucleus. Cell projection > ruffle membrane. Shuttles between the cytoplasm and nucleus and Cytoplasm. Nucleus. Shuttles between the cytoplasm and nucleus.

画像



Western blot against tagged recombinant protein immunogen using ab57391 ANKRD15 antibody at 1ug/ml. Predicted band size of immunogen is 34 kDa

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