

#### FBLIM1 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP56078

## **Specification**

## FBLIM1 Polyclonal Antibody - Product Information

Application WB, IHC-P, IHC-F, IF, ICC, E

Primary Accession <u>Q8WUP2</u>

Reactivity Rat, Dog, Bovine

Host Rabbit
Clonality Polyclonal
Calculated MW 40670

## FBLIM1 Polyclonal Antibody - Additional Information

#### **Gene ID 54751**

#### **Other Names**

Filamin-binding LIM protein 1, FBLP-1, Migfilin, Mitogen-inducible 2-interacting protein, MIG2-interacting protein, FBLIM1, FBLP1

#### **Dilution**

<span class ="dilution\_WB">WB~~1:1000</span><br \><span class
="dilution\_IHC-P">IHC-P~~N/A</span><br \><span class
="dilution\_IHC-F">IHC-F~~N/A</span><br \><span class
="dilution\_IF">IF~~1:50~200</span><br \><span class ="dilution\_ICC">ICC~~N/A</span><br \><span class ="dilution\_ICC">ICC~~N/A</span><br \><span class ="dilution\_ICC">ICC~~N/A</span><br \><span class = "dilution\_ICC">ICC~~N/A</span>

# **Storage**

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

## FBLIM1 Polyclonal Antibody - Protein Information

#### Name FBLIM1

## Synonyms FBLP1

#### **Function**

Serves as an anchoring site for cell-ECM adhesion proteins and filamin-containing actin filaments. Is implicated in cell shape modulation (spreading) and motility. May participate in the regulation of filamin-mediated cross-linking and stabilization of actin filaments. May also regulate the assembly of filamin-containing signaling complexes that control actin assembly. Promotes dissociation of FLNA from ITGB3 and ITGB7. Promotes activation of integrins and regulates integrin-mediated cell-cell adhesion.

## **Cellular Location**

Cell junction, focal adhesion. Cytoplasm, cytoskeleton, stress fiber Note=Associated with actin



Tel: 858.875.1900 Fax: 858.875.1999



stress fiber at cell-ECM focal adhesion sites (PubMed:12679033, PubMed:18829455). Isoform 1 and isoform 3 are recruited and localized at actin stress fibers and clustered at cell- EMC adhesion sites through interaction with FERMT2 (PubMed:12679033) Isoform 2 is localized at actin stress fibers (PubMed:12496242)

#### **Tissue Location**

Isoform 1 and isoform 3 are expressed in heart, kidney, lung, pancreas, placenta and platelets. Isoform 2 is expressed in brain, heart, kidney, lung, pancreas, placenta, skeletal muscle and platelets.

## FBLIM1 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

FBLIM1 Polyclonal Antibody - Images