
Product Name: FIR Rabbit Polyclonal Antibody**Catalog #: APRab10989**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,ICC/IF,ELISA
Reactivity	Human,Mouse
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2000,ICC/IF 1:200-1:1000,ELISA 1:10000-1:20000
Molecular Weight	119kDa

Antigen Information

Gene Name	FARP2 FARP2; KIAA0793; PLEKHC3; FERM; RhoGEF and pleckstrin domain-containing protein 2;
Alternative Names	FERM domain including RhoGEF; FIR; Pleckstrin homology domain-containing family C member 3; PH domain-containing family C member 3
Gene ID	9855.0
SwissProt ID	O94887
Immunogen	The antiserum was produced against synthesized peptide derived from human FIR. AA range:331-380

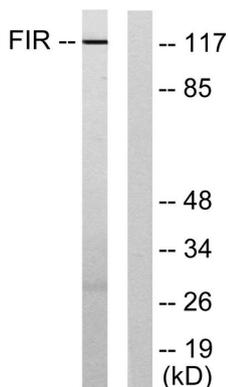
Background

function:Rho-guanine nucleotide exchange factor that activates RAC1. Plays a role in the response to class 3 semaphorins and remodeling of the actin cytoskeleton.,similarity:Contains 1 DH (DBL-homology) domain.,similarity:Contains 1 FERM domain.,similarity:Contains 2 PH domains.,subunit:Interacts with PLXNA1. Interaction with PLXNA1 or PIP5K1C lowers its guanine nucleotide exchange activity. Dissociates from PLXNA1 when SEMA3A binds to the receptor. Interacts with PIP5K1C via its FERM domain. The interaction with PIP5K1C is enhanced by SEMA3A binding.,function:Rho-guanine nucleotide exchange factor that activates RAC1. Plays a role in the response to class 3 semaphorins and remodeling of the actin cytoskeleton.,similarity:Contains 1 DH (DBL-homology) domain.,similarity:Contains 1 FERM domain.,similarity:Contains 2 PH domains.,subunit:Interacts with PLXNA1. Interaction with PLXNA1 or PIP5K1C lowers its guanine nucleotide exchange activity. Dissociates from PLXNA1 when SEMA3A binds to the receptor. Interacts with PIP5K1C via its FERM domain. The interaction with PIP5K1C is enhanced by SEMA3A binding.,

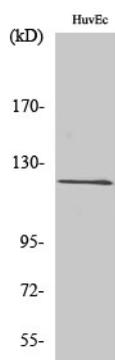
Research Area

Adherens_Junction;

Image Data



Western blot analysis of lysates from HUVEC cells, using FIR Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using FIR Polyclonal Antibody