Product Data Sheet:
FIR Rabbit Polyclonal Antibody

Cat. No:	ABN10989
Conjugate:	Unconjugated
Size:	100µL
Clone:	Polyclonal
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	The antiserum was produced against synthesized peptide derived from human FIR. AA range:331-380
Reactivity:	Human,Mouse
Applications:	WB 1:500-1:2000,ICC/IF 1:200-1:1000,ELISA 1:10000-1:20000
Molecular Weight:	119kDa
Purification:	Affinity purification
Synonyms:	FARP2; KIAA0793; PLEKHC3; FERM; RhoGEF and pleckstrin domain-containing protein 2; FERM domain including RhoGEF; FIR; Pleckstrin homology domain-containing family C member 3; PH domain-containing family C member 3
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.,
Form:	Liquid
Buffer:	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Storage:	Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.

For Research use only
IMMUNOLOGICAL SCIENCES