

Product datasheet for **TA347647**

FARP2 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1:500-1:2000
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-FIR Antibody: A synthesized peptide derived from human FIR within aa 348-372.
Formulation:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20?. Stable for 12 months from date of receipt
Concentration:	lot specific
Purification:	Immunogen affinity purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	119 kDa
Gene Name:	FERM, ARH/RhoGEF and pleckstrin domain protein 2
Database Link:	NP_055623 Entrez Gene 227377 Mouse Entrez Gene 9855 Human O94887
Background:	Rho-guanine nucleotide exchange factor that activates RAC1. Plays a role in the response to class 3 semaphorins and remodeling of the actin cytoskeleton. 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. 2 isoforms of the human protein are produced by alternative splicing.
Synonyms:	FIR; FRG; PLEKHC3

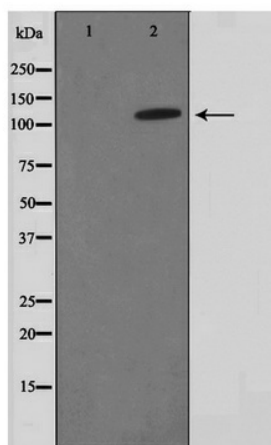


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Note: FIR Antibody detects endogenous levels of FIR

Protein Pathways: Adherens junction

Product images:



Western blot analysis on HuvEc cell lysate using
FIR Antibody