

FIR Antibody

Catalog No: #33622

Package Size: #33622-1 50ul #33622-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

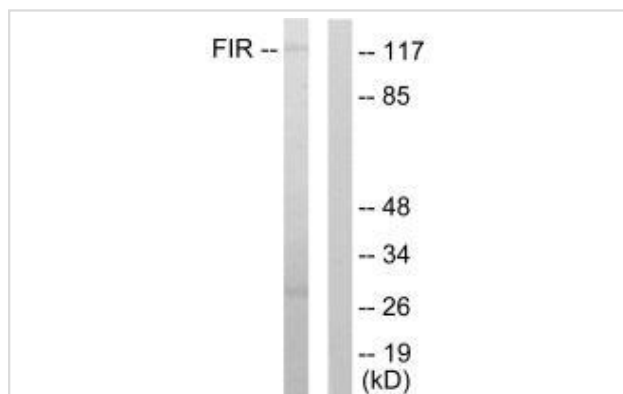
Description

Product Name	FIR Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total FIR protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from Internal of human FIR.
Target Name	FIR
Other Names	FERM; RhoGEF and pleckstrin domain protein 2; FGD1-related Cdc42-GEF; FIR; FRG
Accession No.	Swiss-Prot: O94887NCBI Gene ID: 9855
Uniprot	O94887
GeneID	9855;
SDS-PAGE MW	119kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:500~1:3000

Images



Western blot analysis of extracts from HuvEc cells, using FIR antibody #33622.

Background

Functions as guanine nucleotide exchange factor that activates RAC1. May have relatively low activity. Plays a role in the response to class 3 semaphorins and remodeling of the actin cytoskeleton. Plays a role in TNFSF11-mediated osteoclast differentiation, especially in podosome rearrangement and reorganization of the actin cytoskeleton. Regulates the activation of ITGB3, integrin signaling and cell adhesion By similarity. Nagase T., DNA Res. 5:31-39(1998).

The MGC Project Team, Genome Res. 14:2121-2127(2004).

Jandrig B., Oncogene 23:9295-9302(2004).

Note: This product is for in vitro research use only