

Fer Antibody

Catalog_no :	AB3247
Reactivity :	M
Category :	抗原抗体
Size :	100μL/50μL
Immunogen :	HUMAN
Specificity :	This Fer antibody is generated from a mouse immunized with a recombinant protein.
Dilution :	IF,1:25;FC,1:25;WB,1:4000;
Other_name :	Tyrosine-protein kinase Fer, Proto-oncogene c-Fer, p94-Fer, Fer, Fert2
Isotype :	IgG2a,k
Background :	<p>Tyrosine-protein kinase that acts downstream of cell surface receptors for growth factors and plays a role in the regulation of the actin cytoskeleton, microtubule assembly, lamellipodia formation, cell adhesion, cell migration and chemotaxis. Acts downstream of EGFR, KIT, PDGFRA and PDGFRB. Acts downstream of EGFR to promote activation of NF-kappa-B and cell proliferation. May play a role in the regulation of the mitotic cell cycle. Plays a role in the insulin receptor signaling pathway and in activation of phosphatidylinositol 3-kinase. Acts downstream of the activated FCER1 receptor and plays a role in FCER1 (high affinity immunoglobulin epsilon receptor)-mediated signaling in mast cells. Plays a role in the regulation of mast cell degranulation. Plays a role in leukocyte recruitment and diapedesis in response to bacterial lipopolysaccharide (LPS). Phosphorylates CTTN, CTNND1, PTK2/FAK1, GAB1, PECAM1 and PTPN11. May phosphorylate JUP and PTPN1. Can phosphorylate STAT3 according to PubMed:10878010 and PubMed:19159681, but clearly plays a redundant role in STAT3 phosphorylation. According to PubMed:11134346, cells where wild type FER has been replaced by a kinase-dead mutant show no reduction in STAT3 phosphorylation. Phosphorylates TMF1. Isoform 3 lacks kinase activity.</p>
reference :	<p>Letwin K.,et al.Submitted (OCT-1996) to the EMBL/GenBank/DDBJ databases. Fischman K.,et al.Mol. Cell. Biol. 10:146-153(1990). Iwanishi M.,et al.J. Biol. Chem. 275:38995-39000(2000). Carninci P.,et al.Science 309:1559-1563(2005). Kim L.,et al.Mol. Cel</p>