

Datasheet for ABIN7180174
anti-FER antibody (C-Term)



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	FER
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FER antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Synthesized peptide derived from C-terminal of Human FER.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Target Details

Target:	FER
Alternative Name:	FER (FER Products)
Background:	Background:

Target Details

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). Plays a role in synapse organization, trafficking of synaptic vesicles, the generation of excitatory postsynaptic currents and neuron-neuron synaptic transmission. Plays a role in neuronal cell death after brain damage. Phosphorylates CTTN, CTNND1, PTK2/FAK1, GAB1, PECAM1 and PTPN11. May phosphorylate JUP and PTPN1. Can phosphorylate STAT3, but the biological relevance of this depends on cell type and stimulus.

Hao Q.-L., Mol. Cell. Biol. 9:1587-1593(1989).

Lee S.-T., Oncogene 8:3403-3410(1993).

Krolewski J.J., Oncogene 5:277-282(1990).

Aliases: c FER antibody, Feline encephalitis virus related kinase FER antibody, Fer (fps/fes related) tyrosine kinase (phosphoprotein NCP94) antibody, Fer (fps/fes related) tyrosine kinase antibody, FER antibody, FER_HUMAN antibody, FerT antibody, Fujinami poultry sarcoma/Feline sarcoma related protein Fer antibody, p94 FER antibody, p94-FER antibody, Pe1Fe10 antibody, Pe1Fe13 antibody, Pe1Fe3 antibody, Pe1Fe6 antibody, Phosphoprotein NCP94 antibody, PPP1R74 antibody, Protein phosphatase 1 regulatory subunit 74 antibody, Proto oncogene tyrosine protein kinase FER antibody, Proto-oncogene c-Fer antibody, TYK3 antibody, Tyrosine kinase 3 antibody, Tyrosine-protein kinase Fer antibody

UniProt: [P16591](#)

Application Details

Application Notes: WB:1:500-1:3000,

Restrictions: For Research Use only

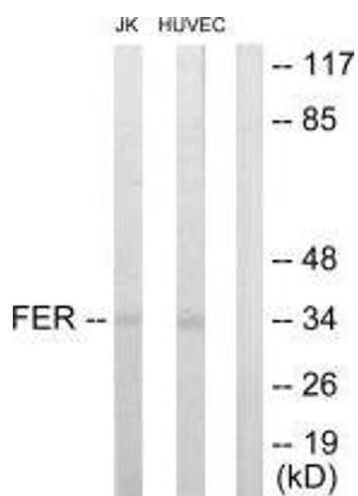
Handling

Format: Liquid

Handling

Buffer:	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

Images



Western Blotting

Image 1. Western blot analysis of extracts from JK and HUVEC cells, using FER antibody.