



FER (Phospho Tyr714) Rabbit pAb

Catalog No	YP-Ab-17330
Isotype	IgG
Reactivity	Human, Mouse,Rat
Applications	IHC, WB
Gene Name	FER TYK3
Immunogen	Synthesized peptide derived from human FER (Phospho Tyr714)
Specificity	This antibody detects endogenous levels of FER (Phospho Tyr714) Rabbit pAb at Human, Mouse,Rat
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Rabbit, polyclonal
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Dilution	WB 1:500-2000 IHC 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	c FER;Feline encephalitis virus related kinase FER;Fer (fps/fes related) tyrosine kinase (phosphoprotein NCP94);Fer (fps/fes related) tyrosine kinase;FER; FER_HUMAN;FerT;Fujinami poultry sarcoma/Feline sarcoma related protein Fer; p94 FER;p94-FER;Pe1Fe1;Pe1Fe13;Pe1Fe3;Pe1Fe6;Phosphoprotein NCP94; PPP1R74;Protein phosphatase 1 regulatory subunit 74;Proto oncogene tyrosine protein kinase FER;Proto-oncogene c-Fer;TYK3;Tyrosine kinase 3;Tyrosine-protein kinase Fer;FER TYK3;Tyrosine-protein kinase Fer (EC 2.7.10.2) (Feline encephalitis virus-related kinase FER) (Fujinami poultry sarcoma/Feline sarcoma-related protein Fer) (Proto-oncogene c-Fer) (Tyrosine kinase 3) (p94-F; Tyrosine-protein kinase Fer (EC 2.7.10.2) (Feline encephalitis virus-related kinase FER) (Fujinami poultry sarcoma/Feline sarcoma-related protein Fer) (Proto-oncogene c-Fer) (Tyrosine kinase 3) (p94-Fer)
Observed Band	85kD
Calculated Molecular Weight	85kD
Cell Pathway	Cytoplasm. Cytoplasm, cytoskeleton. Cell membrane; Peripheral membrane protein; Cytoplasmic side. Cell projection. Cell junction. Membrane; Peripheral membrane protein; Cytoplasmic side. Nucleus. Cytoplasm, cell cortex. Associated with the chromatin. Detected on microtubules in polarized and motile vascular endothelial cells. Colocalizes with F-actin at the cell cortex. Colocalizes



with PECAM1 and CTNND1 at nascent cell-cell contacts.

Tissue Specificity

Isoform 1 is detected in normal colon and in fibroblasts (at protein level). Isoform 3 is detected in normal testis, in colon carcinoma-derived metastases in lung, liver and ovary, and in colon carcinoma and hepato carcinoma cell lines (at protein level). Isoform 3 is not detected in normal colon or in normal fibroblasts (at protein level). Widely expressed.

Function

catalytic activity:ATP + a [protein]-L-tyrosine = ADP + a [protein]-L-tyrosine phosphate.,function:Tyrosine kinase of the non-receptor type. Probably performs an important function, perhaps in regulatory processes such as cell cycle control.,similarity:Belongs to the protein kinase superfamily. Tyr protein kinase family. Fes/fps subfamily.,similarity:Contains 1 FCH domain.,similarity:Contains 1 protein kinase domain.,similarity:Contains 1 SH2 domain.,subcellular location:Associated with the chromatin.,tissue specificity:Expressed in a variety of lymphoid cell lines.,

Background

FER tyrosine kinase(FER) Homo sapiens The protein encoded by this gene is a member of the FPS/FES family of non-transmembrane receptor tyrosine kinases. It regulates cell-cell adhesion and mediates signaling from the cell surface to the cytoskeleton via growth factor receptors. Alternative splicing results in multiple transcript variants. A related pseudogene has been identified on chromosome X. [provided by RefSeq, Apr 2015],

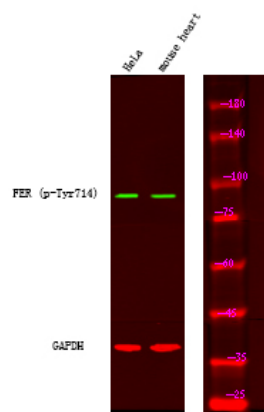
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of A431 mouse heart using primary antibody at 1:1000 dilution 4°C, overnight. Secondary antibody(catalog#:RS23920) was diluted at 1:10000 25°C, 1.5hours