

FER (Phospho Tyr714) Rabbit pAb

CatalogNo: YP1865

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- IHC, WB

MW

- 85kD (Observed)

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.

Recommended Dilution Ratios

WB 1:500-2000

IHC 1:50-200

Basic Information

Clonality Polyclonal

Immunogen Information

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. The name of modified sites may be influenced by many factors, such as species (the modified site was not originally found in human samples) and the change of protein sequence (the previous protein sequence is incomplete, and the protein sequence may be prolonged with the development of protein sequencing technology). When naming, we will use the "numbers" in historical reference to keep the sites consistent with the reports. The antibody binds to the following modification sequence (lowercase letters are modification sites):GVySS

Target Information

Gene name FER TYK3

Protein Name Tyrosine-protein kinase Fer (Feline encephalitis virus-related kinase FER) (Fujinami poultry sarcoma/Feline sarcoma-related protein Fer) (Proto-oncogene c-Fer) (Tyrosine kinase 3) (p94-Fer)

Organism	Gene ID	UniProt ID
Human	2241 ;	P16591 ;
Mouse	14158 ;	P70451 ;
Rat		P09760 ;

Cellular Localization

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.

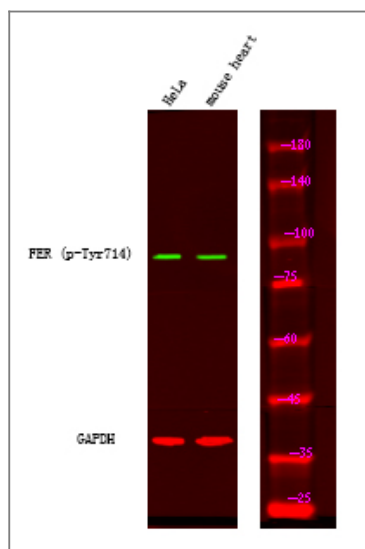
Tissue specificity

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. ,

Validation Data



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

| Contact information

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FER (Phospho Tyr714) Rabbit pAb

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