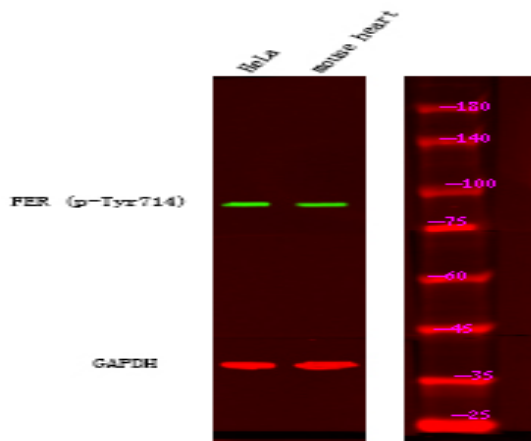


FER (Phospho Tyr714) Rabbit pAb

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|------------------------------|---|
| Catalog No : | YP1865 |
| Reactivity : | Human;Mouse;Rat |
| Applications : | IHC;WB |
| Target : | FER |
| Fields : | >>Adherens junction |
| Gene Name : | FER TYK3 |
| Protein Name : | 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) |
| Sequence : | P16591 |
| Human Gene Id : | 2241 |
| Human Swiss Prot No : | P16591 |
| Mouse Gene Id : | 14158 |
| Mouse Swiss Prot No : | P70451 |
| Rat Swiss Prot No : | P09760 |
| 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 |
| Dilution : | WB 1:500-2000 IHC 1:50-200 |

| | |
|-------------------------------|---|
| Purification : | The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen. |
| Concentration : | 1 mg/ml |
| Storage Stability : | -15°C to -25°C/1 year(Do not lower than -25°C) |
| Observed Band : | 85kD |
| 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], |
| 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., |
| Subcellular Location : | 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. |
| Expression : | 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. |

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