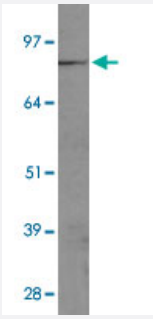
FER polyclonal antibody

Catalog # PAB15526 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot on Jurkat cell lysate with FER polyclonal antibody (Cat # PAB15526).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of FER.
Immunogen	A synthetic peptide corresponding to amino acids 400-450 of human FER.
Host	Rabbit
Reactivity	Dog, Human, Mouse
Specificity	Immunogen has 100% homology with mouse and canine. This antibody is useful in Western blot, where a band is seen ~94 KDa.
Form	Liquid
Recommend Usage	Western Blot (0.5 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (30% glycerol, 0.09% sodium azide)
Storage Instruction	Store at 4°C for short term. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

  Western blot on Jurkat cell lysate with FER polyclonal antibody (Cat # PAB15526).

Gene Info — FER

Entrez GeneID	2241
Protein Accession#	P16591
Gene Name	FER
Gene Alias	TYK3
Gene Description	fer (fps/fes related) tyrosine kinase
Omim ID	176942
Gene Ontology	Hyperlink
Gene Summary	Fer protein is a member of the FPS/FES family of nontransmembrane receptor tyrosine kinases. I t regulates cell-cell adhesion and mediates signaling from the cell surface to the cytoskeleton via growth factor receptors. [provided by RefSeq
Other Designations	phosphoprotein NCP94

Publication Reference

- Proteomics analysis of protein kinases by target class-selective prefractionation and tandem mass spectrometry.

  Wissing J, Jänsch L, Nimtz M, Dieterich G, Hornberger R, Kéri G, Wehland J, Daub H.

  Molecular & Cellular Proteomics 2007 Mar; 6(3):537.

- Nuclear and cytoplasmic location of the FER tyrosine kinase.

  Hao QL, Ferris DK, White G, Heisterkamp N, Groffen J.

  Molecular and Cellular Biology 1991 Feb; 11(2):1180.

  Application: IF, IP, WB-Ce, Human, Mouse, 10T1/2 fibroblasts, A172, A498 cells

Pathway

- Adherens junction

Disease

- Cardiovascular Diseases
- Diabetes Mellitus
- Edema