

Rabbit anti-Human, Rat FER Polyclonal Antibody | anti-FER antibody

Anti-FER antibody

CATALOG # AAA45460	HOST Rabbit	REACTIVITY Human, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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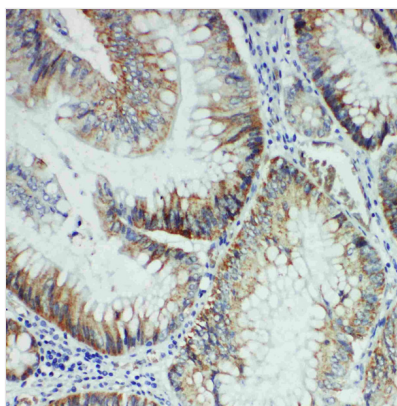
PRODUCT SYNONYMS

FER; Polyclonal Antibody; Anti-FER antibody; Tyrosine-protein kinase Fer; fer(fps/fes related) tyrosine kinase; c FER antibody; Fer(fps/fes related) tyrosine kinase(phosphoprotein NCP94) antibody; Fer(fps/fes related) tyrosine kinase antibody; FER antibody; FER_HUMAN antibody; p94 FER antibody; p94-FER antibody; Phosphoprotein NCP94 antibody; Proto oncogene tyrosine protein kinase FER antibody; Proto-oncogene c-Fer antibody; TYK3 antibody; Tyrosine kinase 3 antibody; Tyrosine-protein kinase Fer antibody; anti-FER antibody

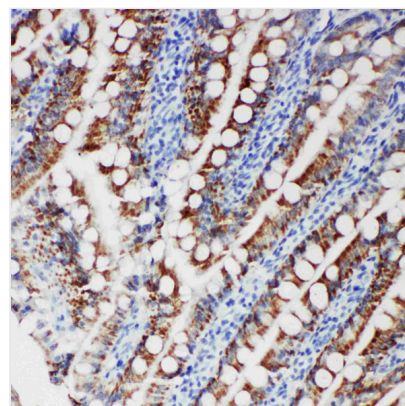
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	822
Applicable Applications for anti-FER antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence in the middle region of human FER (521-536aa FSNIPQLIDHHYTTKQ), different from the related rat and mouse sequences by two amino acids.
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

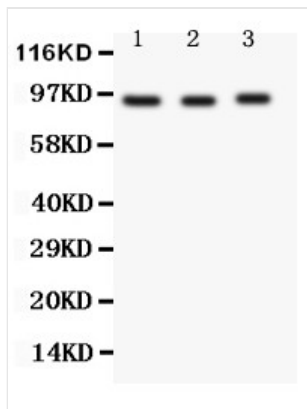
IMAGES



IHC (Immunohistochemisry)
Anti-FER antibody, AAA45460, IHC(P)IHC(P): Rat Intestine Tissue



IHC (Immunohiostchemistry)
Anti-FER antibody, AAA45460, IHC(P)IHC(P): Human Intestinal Cancer Tissue



WB (Western Blot)

Anti-FER antibody, AAA45460, Western blottingAll lanes: Anti FER (AAA45460) at 0.5ug/mlLane 1: HELA Whole Cell Lysate at 40ugLane 2: Rat Testis Tissue Lysate at 50ugLane 3: Rat Ovary Tissue Lysate at 50ugPredicted bind size: 95KDObserved bind size: 95KD

ADDITIONAL INFORMATION

Related Product Information for anti-FER antibody	Description: Rabbit IgG polyclonal antibody for Tyrosine-protein kinase Fer(FER) detection. Tested with WB, IHC-P in Human, Rat. Background: FER(FPS/FES-Related tyrosine kinase) also known as TYK3, is an enzyme that in humans is encoded by the FER gene. Fer protein is a member of the FPS/FES family of nontransmembrane receptor tyrosine kinases. By in situ hybridization, Morris et al.(1990) concluded that the FER gene is located at 5q21-q22. Treatment of cells with JMP resulted in the release of FER from the cadherin complex and its accumulation in the integrin complex. The accumulation of FER in the integrin complex and the inhibitory effects of JMP could be reversed with a peptide that mimics the first coiled-coil domain of FER. The results suggested that FER mediates crosstalk between CDH2 and ITGB1. In Fer mutant mice, leukocyte emigration was exaggerated in response to LPS without altering vascular permeability, suggesting that FER has a role in regulating innate immunity.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	97536202
NCBI GeneID	2241
UniProt Accession #	P16591; B2RCR4; B4DSQ2; H2FLB8
Molecular Weight	51,643 Da
NCBI Official Full Name	Tyrosine-protein kinase Fer
NCBI Official Synonym Full Names	fer (fps/fes related) tyrosine kinase
NCBI Official Symbol	FER
NCBI Official Synonym Symbols	FerT; TYK3; Pe1Fe3; Pe1Fe6; PPP1R74; Pe1Fe10; Pe1Fe13
NCBI Protein Information	tyrosine-protein kinase Fer; p94-Fer; tyrosine kinase 3; phosphoprotein NCP94; proto-oncogene c-Fer; feline encephalitis virus-related kinase FER; protein phosphatase 1, regulatory subunit 74; truncated fer (fps/fes related) tyrosine kinase; fujinami poultry sarcoma/Feline sarcoma-related protein Fer
UniProt Protein Name	Tyrosine-protein kinase Fer
UniProt Gene Name	FER
UniProt Synonym Gene Names	TYK3
UniProt Entry Name	FER_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

