

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

FER (Phospho-Tyr402) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA305385	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot

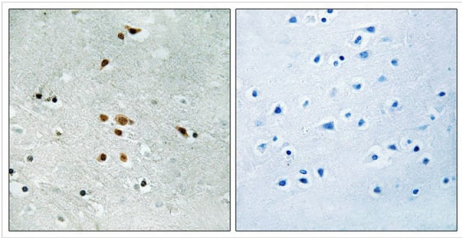
PRODUCT SYNONYMS

FER; Polyclonal Antibody; FER (Phospho-Tyr402) Antibody; FERT2; TYK3; p94-FER; anti-FER antibody

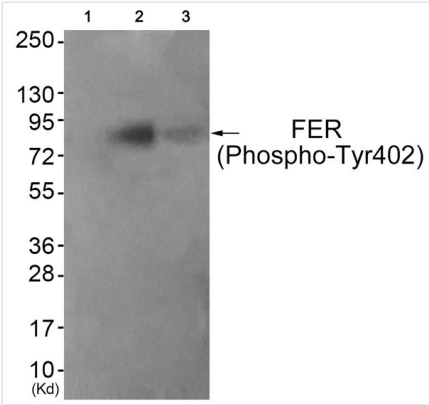
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of FER only when phosphorylated at tyrosine 402.
Purity/Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	647
Applicable Applications for anti-FER antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of tyrosine 402(V-N-Y(p)-E-E) derived from Human FER.
Modification	Phospho-Tyr402
Target Name	FER
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded human brain tissue using FER (Phospho-Tyr402) antibody (left) or the same antibody preincubated with blocking peptide (right).



WB (Western Blot)
Western blot analysis of extracts from JK cells (Lane 2) and COS7 cells (Lane 3), using FER (Phospho-Tyr402) Antibody. The lane on the left is treated with antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-FER antibody	Fer protein is a member of the FPS/FES family of nontransmembrane receptor tyrosine kinases. It regulates cell-cell adhesion and mediates signaling from the cell surface to the cytoskeleton via growth factor receptors.
Product Categories/Family for anti-FER antibody	Phospho-specific Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	808392675
NCBI GeneID	2241
NCBI Accession #	NP_001294957.1
NCBI GenBank Nucleotide #	NM_001308028.1
UniProt Accession #	P16591; B2RCR4; B4DSQ2; H2FLB8
Molecular Weight	51,643 Da
NCBI Official Full Name	tyrosine-protein kinase Fer isoform b
NCBI Official Synonym Full Names	fer (fps/fes related) tyrosine kinase
NCBI Official Symbol	FER
NCBI Official Synonym Symbols	TYK3; PPP1R74; p94-Fer
NCBI Protein Information	tyrosine-protein kinase 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.