FER (Phospho-Tyr402) Antibody

Catalog No: #11730

Package Size: #11730-1 50ul #11730-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

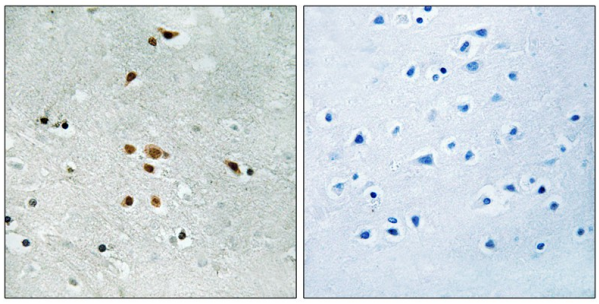
Product Name	FER (Phospho-Tyr402) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatogramphy using non-phosphopeptide.
Applications	WB IHC
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of FER only when phosphorylated at tyrosine 402.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of tyrosine 402(V-N-Y(p)-E-E) derived from Human FER .
Target Name	FER
Modification	Phospho
Other Names	FER; FERT2; TYK3; p94-FER;
Accession No.	Swiss-Prot#: P16591; NCBI Gene#: 2241; NCBI Protein#: NP_005237.2.
Uniprot	P16591
GeneID	2241;
SDS-PAGE MW	85kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C/1 year

Application Details

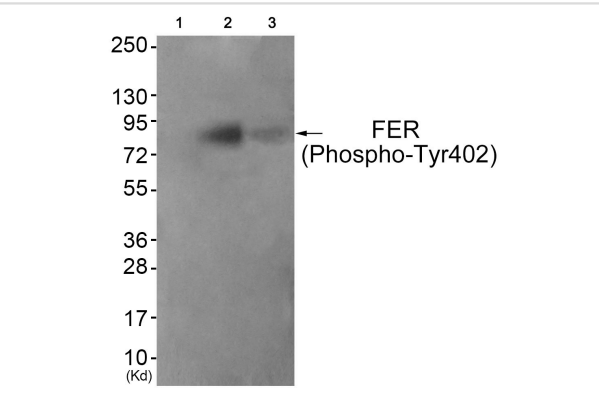
Western blotting: 1:500~1:1000

Immunohistochemistry: 1:50~1:100

Images



Immunohistochemical analysis of paraffin-embedded human brain tissue using FER (Phospho-Tyr402) antibody #11730 (left)or the same antibody preincubated with blocking peptide (right).



Western blot analysis of extracts from JK cells (Lane 2) and COS7 cells (Lane 3), using FER (Phospho-Tyr402) Antibody #11730. The lane on the left is treated with antigen-specific peptide.

Background

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.

Hao Q.-L., Mol. Cell. Biol. 9:1587-1593(1989).

Lee S.-T., Oncogene 8:3403-3410(1993).

Krolewski J.J., Oncogene 5:277-282(1990).

Note: This product is for in vitro research use only