

FES Antibody

Catalog No: #33656



Package Size: #33656-1 50ul #33656-2 100ul

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

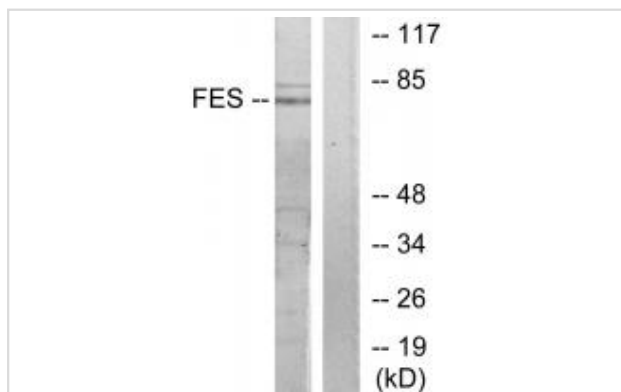
Description

Product Name	FES Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total FES protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human FES.
Target Name	FES
Other Names	Proto-oncogene tyrosine-protein kinase Fes/Fps; EC 2.7.10.2; C-Fes; FES; FPS
Accession No.	Swiss-Prot: P07332NCBI Gene ID: 2242
SDS-PAGE MW	80kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:500~1:3000

Images



Western blot analysis of extracts from HUVEC cells, treated with serum (20%, 30mins), using FES antibody #33656.

Background

Tyrosine-protein kinase that acts downstream of cell surface receptors and plays a role in the regulation of the actin cytoskeleton, microtubule

assembly, cell attachment and cell spreading. Plays a role in FCER1 (high affinity immunoglobulin epsilon receptor)-mediated signaling in mast cells. Acts down-stream of the activated FCER1 receptor and the mast/stem cell growth factor receptor KIT. Plays a role in the regulation of mast cell degranulation. Plays a role in the regulation of cell differentiation and promotes neurite outgrowth in response to NGF signaling. Plays a role in cell scattering and cell migration in response to HGF-induced activation of EZR. Phosphorylates BCR and down-regulates BCR kinase activity. Phosphorylates HCLS1/HS1, PECAM1, STAT3 and TRIM28.

Alcalay M., *Oncogene* 5:267-275(1990).

Roebroek A.J.M., *EMBO J.* 4:2897-2903(1985).

Scott A., *J. Biomol. NMR* 31:357-361(2005).

Note: This product is for in vitro research use only and is not intended for use in humans or animals.