

Fes Polyclonal Antibody
Catalog # AP69876**Specification**

Fes Polyclonal Antibody - Product Information

Application	WB
Primary Accession	P07332
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal

Fes Polyclonal Antibody - Additional Information**Gene ID** 2242**Other Names**

FES; FPS; Tyrosine-protein kinase Fes/Fps; Feline sarcoma/Fujinami avian sarcoma oncogene homolog; Proto-oncogene c-Fes; Proto-oncogene c-Fps; p93c-fes

Dilution

WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/20000. Not yet tested in other applications.

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

Fes Polyclonal Antibody - Protein Information**Name** FES**Synonyms** FPS**Function**

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.

Cellular Location

Cytoplasm, cytosol. Cytoplasm, cytoskeleton. Cell membrane; Peripheral membrane protein;

Cytoplasmic side. Cytoplasmic vesicle. Golgi apparatus. Cell junction, focal adhesion
Note=Distributed throughout the cytosol when the kinase is not activated. Association with microtubules requires activation of the kinase activity. Shuttles between focal adhesions and cell-cell contacts in epithelial cells. Recruited to the lateral cell membrane in polarized epithelial cells by interaction with phosphorylated EZR Detected at tubular membrane structures in the cytoplasm and at the cell periphery

Tissue Location

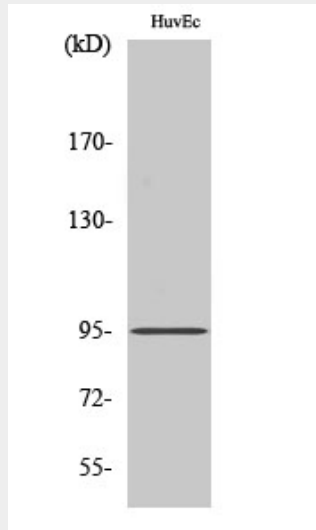
Widely expressed. Detected in adult colon epithelium (at protein level) (PubMed:16455651, PubMed:19051325) Expressed in melanocytes (at protein level) (PubMed:28463229)

Fes Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Fes Polyclonal Antibody - Images



Fes Polyclonal Antibody - Background

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