

## c-Fes (Phospho Tyr713) rabbit pAb

Catalog No: YP1721

**Reactivity:** Human; Mouse; Rat

**Applications:** WB

Target: c-Fes

Fields: >>Axon guidance

Gene Name: FES FPS

**Protein Name :** c-Fes (Phospho-Tyr713)

Human Gene ld: 2242

**Human Swiss Prot** 

Tullian Swiss F10

No:

Mouse Gene Id: 14159

**Mouse Swiss Prot** 

No:

**Immunogen:** Synthesized peptide derived from human c-Fes (Phospho-Tyr713)

**Specificity:** This antibody detects endogenous levels of c-Fes (Phospho-Tyr713) at Human,

Mouse,Rat

P07332

P16879

**Formulation :** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Source: Polyclonal, Rabbit, IgG

**Dilution:** WB 1:500-2000

**Purification:** The antibody was affinity-purified from rabbit serum by affinity-chromatography

using specific immunogen.

Concentration: 1 mg/ml

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**Storage Stability:** -15°C to -25°C/1 year(Do not lower than -25°C)

Molecularweight: 90kD

**Background:** 

This gene encodes the human cellular counterpart of a feline sarcoma retrovirus protein with transforming capabilities. The gene product has tyrosine-specific protein kinase activity and that activity is required for maintenance of cellular transformation. Its chromosomal location has linked it to a specific translocation event identified in patients with acute promyelocytic leukemia but it is also involved in normal hematopoiesis as well as growth factor and cytokine receptor signaling. Alternative splicing results in multiple variants encoding different isoforms.[provided by RefSeq, Jan 2009],

**Function:** 

catalytic activity:ATP + a [protein]-L-tyrosine = ADP + a [protein]-L-tyrosine phosphate.,similarity:Belongs to the protein kinase superfamily. Tyr protein kinase family.,similarity:Belongs to the protein kinase superfamily. Tyr protein kinase family. Fes/fps subfamily.,similarity:Contains 1 FCH domain.,similarity:Contains 1 protein kinase domain.,similarity:Contains 1 SH2 domain.

Subcellular Location :

Cytoplasm, cytosol. Cytoplasm, cytoskeleton. Cell membrane; Peripheral membrane protein; Cytoplasmic side. Cytoplasmic vesicle. Golgi apparatus. Cell junction, focal adhesion. 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.

**Expression:** 

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

Tag: orthogonal

**Sort**: 25200

No4:

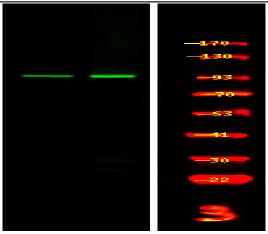
Host: Rabbit

**Modifications:** Phospho

## **Products Images**

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Western Blot analysis of 1 HepG2 cell, 2 LPS 100ng/mL 30min treated ,using primary antibody at 1:1000 dilution. Secondary antibody(catalog#:RS23920) was diluted at 1:10000