

For Research Use Only

FES Polyclonal antibody

Catalog Number: 28194-1-AP



Basic Information

Catalog Number: 28194-1-AP	GenBank Accession Number: BC035357	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 500 µg/ml by Nanodrop and 267 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 2242	Recommended Dilutions: WB 1:1000-1:6000 IHC 1:50-1:500
Source: Rabbit	Full Name: feline sarcoma oncogene	
Isotype: IgG	Calculated MW: 822 aa, 94 kDa	
Immunogen Catalog Number: AG28095	Observed MW: 93 kDa, 79 kDa, 87 kDa, 85 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls: WB : HL-60 cells, THP-1 cells, U-937 cells
Species Specificity: Human	IHC : human colon cancer tissue,

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Background Information

Feline sarcoma oncogene protein (FES) is a member of the FES/FES-related (FER) subfamily of non-receptor protein tyrosine kinases. FES was originally identified a retroviral oncogene in avian and feline retroviruses. Articles reported that FES plays a role in growth and differentiation of myeloid hematopoietic cells, vascular endothelial cells and neurons. And it also involved in the regulation of cytoskeletal rearrangement (PMID:15929003). Addition, a recent study suggests that FES may function both tumorigenic and tumor-suppressive effects (PMID: 28952025).

Storage

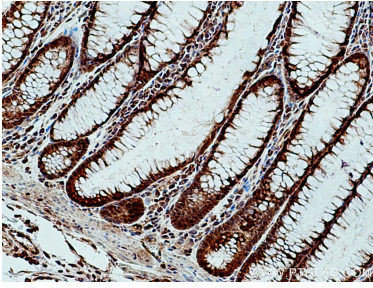
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

***** 20ul sizes contain 0.1% BSA**

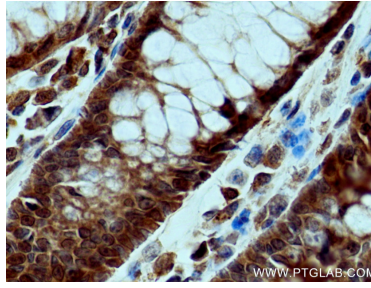
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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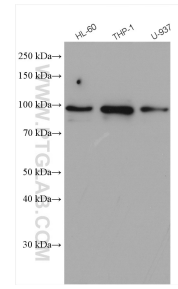
Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 28194-1-AP (FES antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 28194-1-AP (FES antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Various lysates were subjected to SDS PAGE followed by western blot with 28194-1-AP (FES antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.