

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: 500 µg/ml	GeneID (NCBI): 2242	Recommended Dilutions: WB 1:1000-1:6000 IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: P07332	
Isotype: IgG	Full Name: feline sarcoma oncogene	
Immunogen Catalog Number: AG28095	Calculated MW: 822 aa, 94 kDa 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 IHC : human colon cancer tissue,
Species Specificity: Human	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

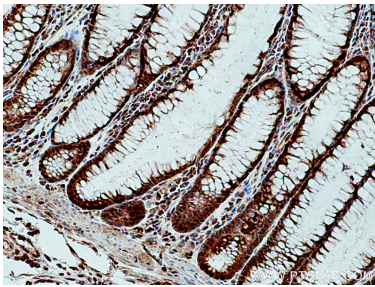
Background Information

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).

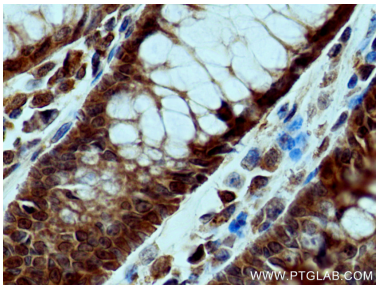
Storage

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

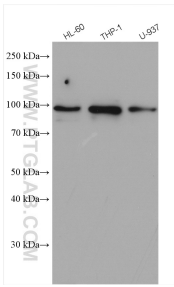
Selected Validation Data



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.