

For Research Use Only

# FES Polyclonal antibody

Catalog Number: 28194-1-AP



## Basic Information

<b>Catalog Number:</b> 28194-1-AP	<b>GenBank Accession Number:</b> BC035357	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul, Concentration: 500 ug/ml by Nanodrop and 267 ug/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 2242	<b>Recommended Dilutions:</b> WB 1:1000-1:6000 IHC 1:50-1:500
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P07332	
<b>Isotype:</b> IgG	<b>Full Name:</b> feline sarcoma oncogene	
<b>Immunogen Catalog Number:</b> AG28095	<b>Calculated MW:</b> 822 aa, 94 kDa	
	<b>Observed MW:</b> 93 kDa, 79 kDa, 87 kDa, 85 kDa	

## Applications

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

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

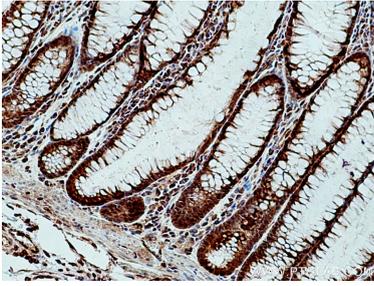
For technical support and original validation data for this product please contact:

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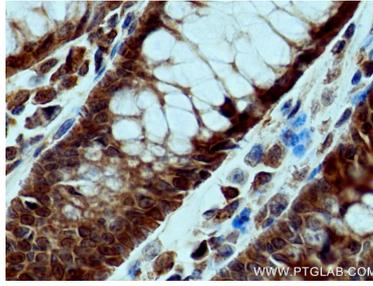
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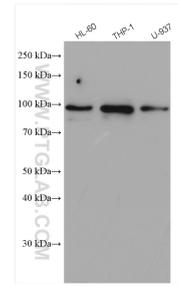
## Selected Validation Data



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.