

For Research Use Only

# FGF-2 Polyclonal antibody

Catalog Number: 30333-1-AP

1 Publications



## Basic Information

<b>Catalog Number:</b> 30333-1-AP	<b>GenBank Accession Number:</b> NM_002006	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 850 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 2247	<b>Recommended Dilutions:</b> WB 1:500-1:2000 IF/ICC 1:200-1:800
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P09038	
<b>Isotype:</b> IgG	<b>Full Name:</b> fibroblast growth factor 2 (basic)	
<b>Immunogen Catalog Number:</b> AG28653	<b>Calculated MW:</b> 31 aa	
	<b>Observed MW:</b> 21 kDa 23 kDa	

## Applications

<b>Tested Applications:</b> WB, IF/ICC, ELISA	<b>Positive Controls:</b> WB : K-562 cells, SKOV-3 cells, U-87 MG cells IF/ICC : SKOV-3 cells,
<b>Cited Applications:</b> IHC	
<b>Species Specificity:</b> Human	
<b>Cited Species:</b> mouse	

## Background Information

Fibroblast growth factor-2 (FGF-2), also referred to as basic FGF, belongs to a family of growth factors that stimulate proliferation of cells of mesenchymal, epithelial and neuroectodermal origin. The mRNA for this gene contains multiple polyadenylation sites, and is alternatively translated from non-AUG (CUG) and AUG initiation codons, resulting in at least five different isoforms with distinct properties.

## Notable Publications

Author	Pubmed ID	Journal	Application
Yunxian Li	39061775	Bioengineering (Basel)	IHC

## Storage

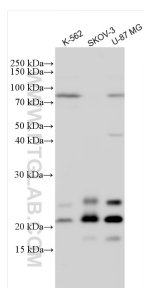
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
**Aliquoting is unnecessary for -20°C storage**

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

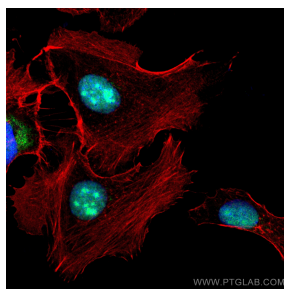
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 30333-1-AP (FGF2 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed SKOV-3 cells using FGF-2 antibody (30333-1-AP) at dilution of 1:400 and Multi-rAb CoraLite® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002), CL594-Phalloidin (red).