

For Research Use Only

# FGFBP2 Polyclonal antibody

Catalog Number: 13254-1-AP

1 Publications



## Basic Information

### Catalog Number:

13254-1-AP

### Size:

150ul, Concentration: 750 ug/ml by Nanodrop and 433 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG4036

### GenBank Accession Number:

BC025720

### GeneID (NCBI):

83888

### UNIPROT ID:

Q9BYJ0

### Full Name:

fibroblast growth factor binding protein 2

### Calculated MW:

223 aa, 28 kDa

### Observed MW:

37 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:1000-1:4000

IF/ICC 1:50-1:500

## Applications

### Tested Applications:

WB, IF/ICC, ELISA

### Cited Applications:

IF

### Species Specificity:

human

### Cited Species:

human

### Positive Controls:

WB : SH-SY5Y cells, BxPC-3 cells

IF/ICC : BxPC-3 cells,

## Background Information

Fibroblast growth factor-binding protein 2 (FGFBP2), also known as 37 kDa killer-specific secretory protein (KSP37), is a member of the fibroblast growth factor binding protein family. FGFBP2 was identified as a Th1/Tc1 specific secretory protein is expressed preferentially in cytotoxic T lymphocytes (CTL) and natural killer (NK) cells and might be involved in essential processes of CTL-mediated immunity. An increase expression of FGFBP2 may be associated with atopic asthma and mild extrinsic asthma. Recently, an observation revealed that FGFBP2 correlate strongly with histology, stage and outcome in ovarian, and it might be a potential prognostic biomarker. The observed MW of FGFBP2 (37 kDa) varies from the predicated MW of 28 kDa, which may be due to the specific space conformation caused by internal disulfide bonds.

## Notable Publications

Author	Pubmed ID	Journal	Application
Qianqi Zhu	37468984	Cell Biosci	IF

## 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

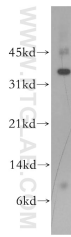
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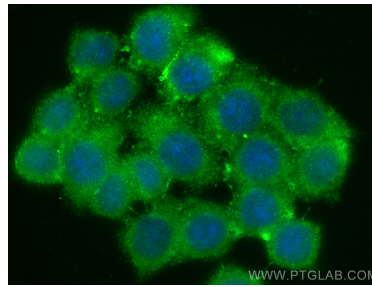
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## Selected Validation Data



SH-SY5Y cells were subjected to SDS PAGE followed by western blot with 13254-1-AP (FGFBP2 antibody) at dilution of 1:400 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Ethanol) fixed BxPC-3 cells using FGFBP2 antibody (13254-1-AP) at dilution of 1:200 and Multi-rAb CoraLite® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002).