

For Research Use Only

FGFBP2 Polyclonal antibody

Catalog Number: 13254-1-AP

1 Publications



Basic Information

Catalog Number:

13254-1-AP

Size:

750 ug/ml

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

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

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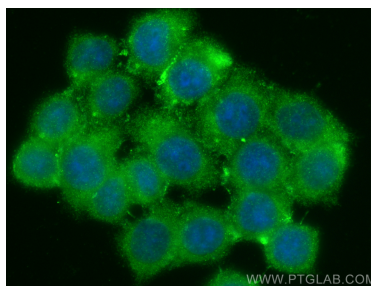
W: ptgcn.com

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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).