

For Research Use Only

LITAF Polyclonal antibody

Catalog Number: 16797-1-AP

Featured Product

2 Publications



Basic Information

Catalog Number:

16797-1-AP

Size:

500 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG10269

GenBank Accession Number:

BC008309

GeneID (NCBI):

9516

UNIPROT ID:

Q99732

Full Name:

lipopolysaccharide-induced TNF factor

Calculated MW:

161 aa, 17 kDa

Observed MW:

24 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:3000

IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate

IHC 1:20-1:200

IF/ICC 1:50-1:500

Applications

Tested Applications:

WB, IHC, IF/ICC, IP, ELISA

Cited Applications:

WB, IHC

Species Specificity:

human

Cited Species:

human

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : HeLa cells, HepG2 cells

IP : HeLa cells,

IHC : human spleen tissue,

IF/ICC : HepG2 cells,

Background Information

Lipopolysaccharide-induced TNF factor (LITAF) is a transcription factor that identified as a regulator of TNF- α gene expression. It may have a role in protein degradation pathways and in tumor necrosis factor α (TNF- α) gene expression. Also it may regulate the expression of the CCL2/MCP-1 chemokine through NF- κ B1. Defects in LITAF may be involved in extramammary Paget disease (EMPD) carcinogenesis

Notable Publications

| Author | Pubmed ID | Journal | Application |
|----------------|-----------|--------------------|-------------|
| Changlin Huang | 31098771 | Cell Mol Neurobiol | WB |
| Shu Zhang | 37612267 | Nat Commun | 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

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

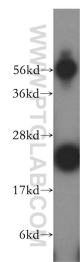
T: 4006900926

E: Proteintech-CN@ptglab.com

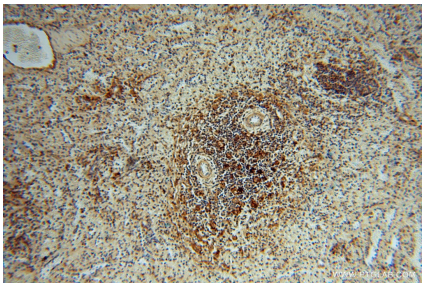
W: ptgcn.com

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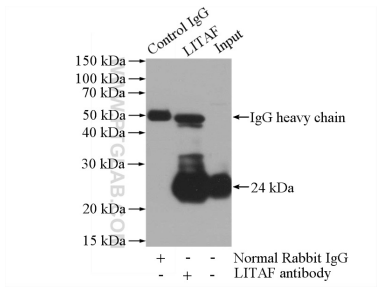
Selected Validation Data



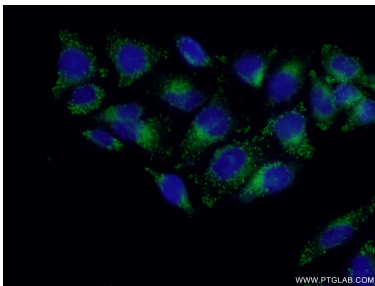
HeLa cells were subjected to SDS PAGE followed by western blot with 16797-1-AP (LITAF antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human spleen using 16797-1-AP (LITAF antibody) at dilution of 1:100 (under 10x lens).



IP result of anti-LITAF (IP:16797-1-AP, 4ug; Detection:16797-1-AP 1:600) with HeLa cells lysate 1520ug.



Immunofluorescent analysis of (-20℃ Ethanol) fixed HepG2 cells using 16797-1-AP (LITAF antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).