

For Research Use Only

LITAF Polyclonal antibody

Catalog Number: 16797-1-AP

Featured Product

2 Publications



Basic Information

Catalog Number: 16797-1-AP	GenBank Accession Number: BC008309	Purification Method: Antigen affinity purification
Size: 150ul, Concentration: 500 µg/ml by Nanodrop and 167 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 9516	Recommended Dilutions: WB 1:500-1:3000 IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB
Source: Rabbit	Full Name: lipopolysaccharide-induced TNF factor	IHC 1:20-1:200 IF 1:50-1:500
Isotype: IgG	Calculated MW: 161 aa, 17 kDa	
Immunogen Catalog Number: AG10269	Observed MW: 24 kDa	

Applications

Tested Applications: IF, IHC, IP, WB, ELISA	Positive Controls: WB: HeLa cells, HepG2 cells
Cited Applications: IHC, WB	IP: HeLa cells,
Species Specificity: human	IHC: human spleen tissue,
Cited Species: human	IF: HepG2 cells,

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

Lipopolysaccharide-induced TNF factor(LITAF) is a transcription factor that identified as a regulator of TNF-alpha gene expression. It may have a role in protein degradation pathways and in tumor necrosis factor alpha(TNF-alpha) gene expression. Also it may regulate the expression of the CCL2/MCP-1 chemokine through NFKB1. 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

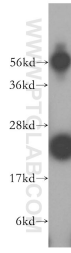
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

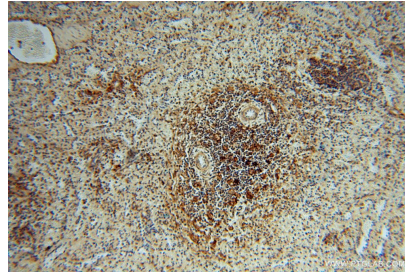
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

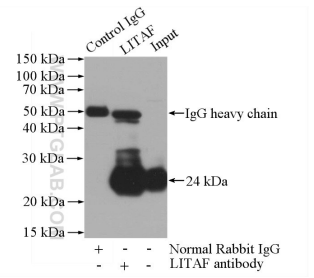
Selected Validation Data



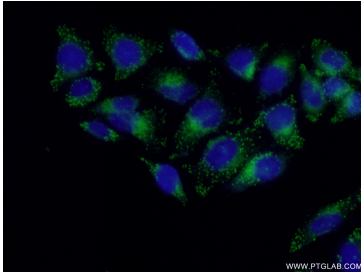
HeLa cells were subjected to SDS PAGE followed by western blot with 16797-1-AP (LITAF antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



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, 4 μ g; Detection:16797-1-AP 1:600) with HeLa cells lysate 1520 μ g.



Immunofluorescent analysis of (-20°C 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).