

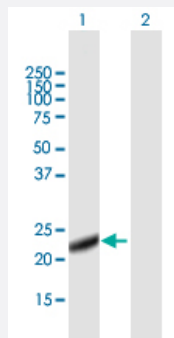
MaxPab®

LITAF purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00009516-B01P

Size 50 ug

Applications

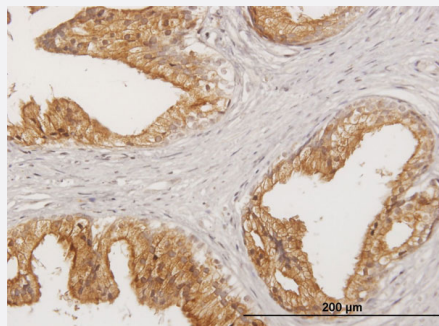


Western Blot (Transfected lysate)

Western Blot analysis of LITAF expression in transfected 293T cell line ([H00009516-T01](#)) by LITAF MaxPab polyclonal antibody.

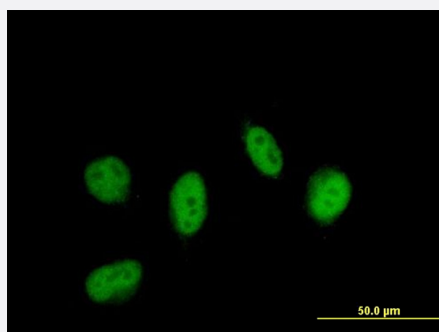
Lane 1: LITAF transfected lysate(17.71 KDa).

Lane 2: Non-transfected lysate.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of purified MaxPab antibody to LITAF on formalin-fixed paraffin-embedded human prostate. [antibody concentration 3 ug/ml]



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to LITAF on HeLa cell. [antibody concentration 10 ug/ml]

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human LITAF protein.

Immunogen	LITAF (NP_004853.2, 1 a.a. ~ 161 a.a) full-length human protein.
Sequence	MSVPGPYQAATGPSSAPSAPPSYEETVAVNSYYTPPAPMPGPPTTGLVTGPDGKGMNPPSYTQ PAIPNNNPITVQTVYVQHPITFLDRPIQMCCPSCNKMVSQLSYNAGALTWLSGSLCLLGCIAGC CFIPFCVDALQDVDHYCPNCRALLGTYKRL
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (85); Rat (86)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

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Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of purified MaxPab antibody to LITAF on formalin-fixed paraffin-embedded human prostate. [antibody concentration 3 ug/ml]

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- Immunofluorescence

Immunofluorescence of purified MaxPab antibody to LITAF on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — LITAF

Entrez GeneID	9516
GeneBank Accession#	NM_004862.2
Protein Accession#	NP_004853.2

Gene Name	LITAF
Gene Alias	FLJ38636, MGC116698, MGC116700, MGC116701, MGC125274, MGC125275, MGC125276, PIG7, SIMPLE, TP53I7
Gene Description	lipopolysaccharide-induced TNF factor
Omim ID	601098 603795
Gene Ontology	Hyperlink
Gene Summary	Lipopolysaccharide is a potent stimulator of monocytes and macrophages, causing secretion of tumor necrosis factor-alpha (TNF-alpha) and other inflammatory mediators. This gene encodes lipopolysaccharide-induced TNF-alpha factor, which is a DNA-binding protein and can mediate the TNF-alpha expression by direct binding to the promoter region of the TNF-alpha gene. The transcription of this gene is induced by tumor suppressor p53 and has been implicated in the p53-induced apoptotic pathway. Mutations in this gene cause Charcot-Marie-Tooth disease type 1C (CMT1C) and may be involved in the carcinogenesis of extramammary Paget's disease (EMPD). Multiple alternatively spliced transcript variants have been found for this gene. [provided by RefSeq]
Other Designations	LPS-induced TNF-alpha factor lipopolysaccharide-induced TNF-alpha factor lipopolysaccharide-induced tumor necrosis factor-alpha factor p53-induced gene 7 protein small integral membrane protein of lysosome/late endosome tumor protein p53 inducible protein

Publication Reference

- [The endosomal trafficking regulator LITAF controls the cardiac Nav1.5 channel via the ubiquitin ligase NEDD4-2.](#)

Nilüfer N Turan, Karni S Moshal, Karim Roder, Brett C Baggett, Anatoli Y Kabakov, Saroj Dhakal, Ryota Teramoto, David Yi-Eng Chiang, Mingwang Zhong, An Xie, Yichun Lu, Samuel C Dudley Jr, Calum A MacRae, Alain Karma, Gideon Koren.

The Journal of Biological Chemistry 2020 Dec; 295(52):18148.

Application: PLA-Ce, Rabbit, 3wRbCM cells

Disease

- [Arrhythmias](#)
- [Charcot-Marie-Tooth Disease](#)
- [Death](#)
- [Genetic Predisposition to Disease](#)
- [Lung Neoplasms](#)
- [Multiple Sclerosis](#)

- [Pulmonary Disease](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)