NKMAXBIO We support you, we believe in your research

Human LITAF antibody

Catalog Number: ATGA0152

PRODUCT INFORMATION

Catalog number

ATGA0152

Clone No.

AT1F9

Product type

Monoclonal Antibody

UnitProt No.

Q99732

NCBI Accession No.

NP 004853

Alternative Names

lipopolysaccharide-induced TNF factor, PIG7, SIMPLE, FLJ38636, TP53I7

PRODUCT SPECIFICATION

Antibody Host

Mouse

Reacts With

Human

Concentration

1mg/ml (determined by BCA assay)

Formulation

Liquid in. Phosphate-Buffered Saline (pH 7.4) with 0.02% Sodium Azide, 10% glycerol

Immunogen

Recombinant human LITAF (1-161aa) purified from E. coli

Isotype

IgG2b kappa

Purification Note

By protein-G affinity chromatography

Application

ELISA, WB, ICC/IF

Usage

The antibody has been tested by ELISA, Western blot and ICC/IF analysis to assure specificity and reactivity. Since application varies, however, each investigation should be titrated by the reagent to obtain optimal results.

Storage



NKMAXBIO We support you, we believe in your research

Human LITAF antibody

Catalog Number: ATGA0152

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

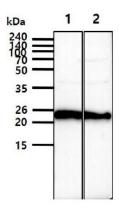
Lipopolysaccharide-induced tumor necrosis factor-alpha factor (LITAF) mediates the expression of inflammatory cytokines such as TNF-alpha in Lipopolysaccharide-induced processes. LITAF binds to STAT6B, a member of the STAT6 family forming a complex on the TNF-alpha promoter that modulates TNF activity. High levels of expression of LITAF mRNA have been observed predominantly in the placenta, peripheral blood leukocytes, lymph nodes and spleen.

General References

Atucchi A, et al., (2006) Inflamm Bowel Dis 13(1):120-121. Tang X, et al., (2005) Proc Natl Acad Sci USA 102(14):5132-5137. Tang X, et al., (2003) Proc Natl Acad Sci USA 100(7):4096-4101.

DATA

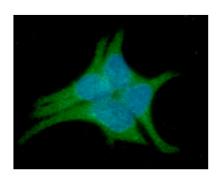
Western blot analysis (WB)



The cell lysates(40ug) were resolved by SDS-PAGE, transferred to PVDF membrane and probed with anti-human LITAF antibody (1:1000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system.

Lane 1.: HeLa cell lysate Lane 2.: HepG2 cell lysate

Immunocytochemistry/Immunofluorescence (ICC/IF)



ICC/IF analysis of LITAF in LnCap cells. The cell was stained with ATGA0152 (1:100). The secondary antibody (green) was used Alexa Fluor 488. DAPI was stained the cell nucleus (blue).

