

LTB polyclonal antibody

Catalog # PAB26866 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of HepG2 cell lysate with LTB polyclonal antibody (Cat # PAB26866).

Specification

Product Description Rabbit polyclonal antibody raised against synthetic peptide of LTB.

Immunogen A synthetic peptide corresponding to human LTB.

Host Rabbit

Theoretical MW (kDa) 22

Reactivity Human, Mouse

Specificity LTB polyclonal antibody detects endogenous levels of LTB protein.

Form Liquid

Purification Affinity purification

Concentration 1 mg/mL

Recommend Usage Western Blot (1:500-1:1000)
Immunofluorescence (1:50-1:200)
The optimal working dilution should be determined by the end user.

Storage Buffer In PBS, pH 7.2 (0.05% sodium azide)

Storage Instruction

Store at 4°C. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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- Immunofluorescence

Gene Info — LTB

Entrez GeneID[4050](#)**Protein Accession#**[Q06643](#)**Gene Name**

LTB

Gene Alias

TNFC, TNFSF3, p33

Gene Description

lymphotoxin beta (TNF superfamily, member 3)

Omim ID[600978](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

Lymphotoxin beta is a type II membrane protein of the TNF family. It anchors lymphotoxin-alpha to the cell surface through heterotrimer formation. The predominant form on the lymphocyte surface is the lymphotoxin-alpha 1/beta 2 complex (e.g. 1 molecule alpha/2 molecules beta) and this complex is the primary ligand for the lymphotoxin-beta receptor. The minor complex is lymphotoxin-alpha 2/beta 1. LTB is an inducer of the inflammatory response system and involved in normal development of lymphoid tissue. Lymphotoxin-beta isoform b is unable to complex with lymphotoxin-alpha suggesting a function for lymphotoxin-beta which is independent of lymphotoxin-alpha. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq]

Other Designations

OTTHUMP00000029185|OTTHUMP00000038214|lymphotoxin-beta|tumor necrosis factor C

Pathway

- [Cytokine-cytokine receptor interaction](#)

Disease

- [Arthritis](#)
- [Asthma](#)
- [Atherosclerosis](#)
- [Brain Ischemia](#)
- [Calcinosis](#)
- [Cardiovascular Diseases](#)
- [Coronary Artery Disease](#)
- [Diabetes Mellitus](#)
- [Disease Susceptibility](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Intracranial Arteriosclerosis](#)
- [Lupus Erythematosus](#)
- [Malaria](#)
- [Myocardial Infarction](#)
- [Stroke](#)
- [Vasculitis](#)