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# anti-LTB antibody (C-Term)

3 Images



### Overview

Quantity:	100 μL
Target:	LTB
Binding Specificity:	C-Term
Reactivity:	Human, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LTB antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunochromatography (IC)
Product Details	
Immunogen:	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human LT beta.
Specificity:	Recognizes endogenous levels of LT beta protein.
Characteristics:	Rabbit polyclonal antibody to LT beta
Purification:	The antibody was purified by immunogen affinity chromatography.
Target Details	
Target:	LTB
Alternative Name:	LT beta (LTB Products)

## **Target Details**

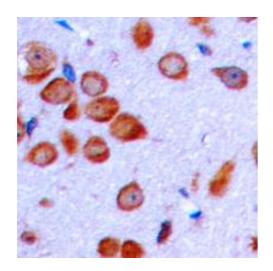
Background:	TNFC, TNFSF3, Lymphotoxin-beta, LT-beta, Tumor necrosis factor C, TNF-C, Tumor necrosis factor ligand superfamily member 3
Gene ID:	4050, 16994
UniProt:	Q06643, P41155
Pathways:	NF-kappaB Signaling

# Application Details

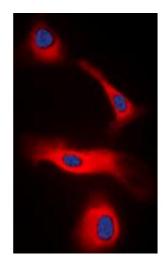
Application Notes:	WB (1:500 - 1:1000), IH (1:100 - 1:200), IF/IC (1:100 - 1:500)
Restrictions:	For Research Use only

# Handling

Format:	Liquid
Buffer:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.
Expiry Date:	12 months



# #Da A 200 140 100 80 60 50 40 30 20



### **Immunohistochemistry**

Image 1. Immunohistochemical analysis of LT beta staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugad compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

### **Western Blotting**

**Image 2.** Western blot analysis of LT beta expression in human lymph node (A) whole cell lysates.

### Immunofluorescence

Image 3. Immunofluorescent analysis of LT beta staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a hidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).