LT-β (V211) polyclonal antibody

Catalog:	BCP01044	Host:	Rabbit	Reactivity:	Human,Mouse,Rat

BackGround:

Tumor necrosis factor (TNF) and lymphotoxin-alpha (LT-α, also known as TNF−β) are members of a family of secreted and cell surface cytokines that participate in the regulation of immune and inflammatory responses. LT-β (lymphotaxin-beta or tumor necrosis factor C) is a type II membrane protein with significant homology to TNF, LT-α, and the ligand for the CD40 receptor. LT-α is present on the surface of activated T, B, and LAK cells as a complex with the 33 kda glycoprotein, LT-β. LT-β, also expressed by active lymphocytes, forms a heterotrimer with LT-a on the cell surface and anchors LT-α to the cell surface. A TNF receptor-related protein, the LT-β receptor (also known as TNFC receptor), is the human receptor for the LT-α/LT-β heterotrimer. There are two LT-β isoforms expressed in human lymphoid cell lines and non-Hodgkin's lymphomas. The gene which encodes LT-β maps to the major histocompatibility complex region on human chromosome 6p21.3.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 25 kDa

Swiss-Prot:

Q06643

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

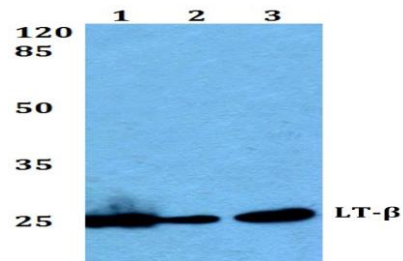## Applications:

WB: 1:500~1:1000

IHC: 1:50~1:200

IF: 1:50~1:200

Storage&Stability:

Store at 4℃ short term. Aliquot and store at -20℃ long term. Avoid freeze-thaw cycles.

Specificity:

LT-β (V211) polyclonal antibody detects endogenous levels of LT-β protein.

DATA:

Western blot (WB) analysis of LT-β (V211) pAb at 1:500 dilution

Lane1:H9C2 whole cell lysate(40ug)

Lane2:MEF whole cell lysate(40ug)

Lane3:Hela whole cell lysate(40ug)

Lane4:HEK293T whole cell lysate(40ug)

Lane5:HepG2 whole cell lysate(40ug)

Lane6:A549 whole cell lysate(40ug)

Note:

For research use only, not for use in diagnostic procedure.