

# PRODUCT DATA SHEET

Bioworld Technology,Inc.

# LTB4DH (L105) polyclonal antibody

Catalog: BS3885 Host: Rabbit Reactivity: Human, Mouse

## **BackGround:**

The NADP(H)-dependent enzyme leukotriene 12-hydroxy dehydrogenase (LTB4DH) catalyzes double bond reductions and oxo-reductions in lipoxins (15-oxo-lipoxin A 4 ), leukotrienes (leukotriene B 4) and E/F prostaglandins (15-oxo prostaglandins). The reactions mediated by LTB4DH constitute an important inactivation pathway for these key lipid mediators involved in inflammation. LTB4DH belongs to the medium-chain dehydrogenase/reductase enzyme family.

## **Product:**

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

## **Molecular Weight:**

~ 36 kDa

### **Swiss-Prot:**

Q14914

## **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

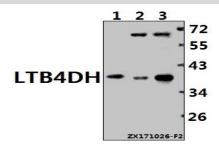
## **Storage&Stability:**

Store at  $4\,\mathrm{C}$  short term. Aliquot and store at  $-20\,\mathrm{C}$  long term. Avoid freeze-thaw cycles.

## **Specificity:**

LTB4DH (L105) polyclonal antibody detects endogenous levels of LTB4DH protein.

#### **DATA:**



Western blot (WB) analysis of LTB4DH (L105) pAb at 1:500 dilution

Lane1:The Kidney tissue lysate of Mouse(40ug)

Lane2:HepG2 whole cell lysate(10ug)

Lane3:HEK293T whole cell lysate(10ug)

## Note:

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

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