

LAB (Phospho Tyr136) rabbit pAb

Catalog No: YP1719

Reactivity: Human; Mouse; Rat

Applications: WB

Target: LAB

Gene Name: LAT2 LAB NTAL WBS15 WBSCR15 WBSCR5 HSPC046

Protein Name: LAB (Phospho-Tyr136)

Q9GZY6

Q9JHL0

Human Gene Id: 7462

Human Swiss Prot

No:

Mouse Gene Id: 56743

Mouse Swiss Prot

No:

Rat Gene Id: 317676

Rat Swiss Prot No: Q8CGL2

Immunogen: Synthesized peptide derived from human LAB (Phospho-Tyr136)

Specificity: This antibody detects endogenous levels of LAB (Phospho-Tyr136) at Human,

Mouse,Rat

Formulation : Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Source: Polyclonal, Rabbit, IgG

Dilution: WB 1:500-2000

Purification: The antibody was affinity-purified from rabbit serum by affinity-chromatography

using specific immunogen.



Concentration: 1 mg/ml

Storage Stability: -15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band: 30kD

Background: This gene is one of the contiguous genes at 7q11.23 commonly deleted in

Williams syndrome, a multisystem developmental disorder. This gene consists of at least 14 exons, and its alternative splicing generates 3 transcript variants, all

encoding the same protein. [provided by RefSeg, Jul 2008],

Function: disease:Defects in LAT2 may be a cause of certain cardiovascular and musculo-

skeletal abnormalities observed in Williams-Beuren syndrome (WBS)

[MIM:194050]. WBS is a rare developmental disorder. It is a contiguous gene

deletion syndrome involving genes from chromosome band

7q11.23.,function:Involved in FCER1 (high affinity immunoglobulin epsilon receptor)-mediated signaling in mast cells. May also be involved in BCR (B-cell antigen receptor)-mediated signaling in B-cells and FCGR1 (high affinity immunoglobulin gamma Fc receptor I)-mediated signaling in myeloid cells. Couples activation of these receptors and their associated kinases with distal

intracellular events through the recruitment of GRB2.,PTM:May be

polyubiquitinated.,PTM:Phosphorylated on tyrosines following cross-linking of BCR in B-cells, FCGR1 in myeloid cells, or FCER1 in mast cells; which induces

the recruitment of GRB2.,s

Subcellular Location :

Cell membrane; Single-pass type III membrane protein. Present in lipid rafts.

Expression:

Highly expressed in spleen, peripheral blood lymphocytes, and germinal centers of lymph nodes. Also expressed in placenta, lung, pancreas and small intestine. Present in B-cells, NK cells and monocytes. Absent from T-cells (at protein level).

Tag: orthogonal

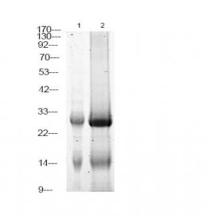
Sort : 25198

No4:

Host: Rabbit

Modifications: Phospho

Products Images



Western Blot analysis of 1 HepG2 cell, 2 Serum-free treated ,using primary antibody at 1:1000 dilution. Secondary antibody(catalog#:RS23920) was diluted at 1:10000