

TAL1 (Acetyl-K221/K222) polyclonal antibody

Catalog: BS64094

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Activation of TAL1 characterizes up to 60% of cases of human T cell acute lymphoblastic leukemia, making it the most frequent gain-of-function mutation observed in this disorder. TAL1 (also designated SCL) is a serine phospho protein and basic helix-loop-helix transcription factor known to regulate embryonic hematopoiesis. This transcription factor binds as a heterodimer with E2A and HEB/HTF4 to a nucleotide sequence motif termed the E-box. In addition, leukemogenesis accelerated dramatically by transgenic coexpression of TAL1 and the catalytic subunit of casein kinase II α , a serine/threonine protein kinase known to modulate the activity of other β HLH transcription factors.

Product:

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

Molecular Weight:

~ 34 kDa

Swiss-Prot:

P17542/Q16559

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

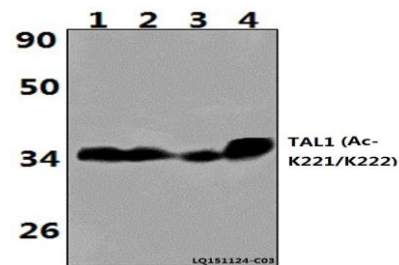
Storage&Stability:

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

Specificity:

TAL1 (Acetyl-K221/K222) polyclonal antibody detects endogenous levels of TAL1 protein only when acetylated at Lys221 and Lys222. This antibody also recognizes TAL2 protein when acetylated at Lys36 and Lys37.

DATA:



Western blot (WB) analysis of TAL1 (Acetyl-K221/K222) polyclonal antibody at 1:500 dilution

Lane1: HEK293T whole cell lysate(40ug)

Lane2: C6 whole cell lysate(40ug)

Lane3: PC12 whole cell lysate(40ug)

Lane4: MCF-7 whole cell lysate(40ug)

Note:

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

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