Best Tools for immunology Research

TAL1/TAL2 Polyclonal Antibody

Catalog No :	YT6202
Reactivity :	Human;Mouse;Rat
Applications :	IHC;IF;WB
Target :	TAL1/2
Gene Name :	TAL1/TAL2
Protein Name :	TAL1/TAL2
Human Gene Id :	6887/6886
Human Swiss Prot No :	P17542/Q16559
Immunogen :	Synthesized peptide derived from human TAL1/TAL2
Specificity :	This antibody detects endogenous levels of human TAL1/TAL2
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	IHC 1:50-200, WB 1:500-2000. IF 1:50-200
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Observed Band :	35kD
Function :	alternative products:The splicing pattern is cell-lineage dependent,disease:A chromosomal aberration involving TAL1 may be a cause of some T-cell acute lymphoblastic leukemias (T-ALL). Translocation t(1;14)(p32;q11) with T-cell

receptor alpha chain (TCRA) genes.,domain:The helix-loop-helix domain is necessary and sufficient for the interaction with DRG1.,function:Implicated in the genesis of hemopoietic malignancies. It may play an important role in hemopoietic differentiation. Serves as a positive regulator of erythroid differentiation.,PTM:Phosphorylated on serine residues. Phosphorylation of Ser-122 is strongly stimulated by hypoxia.,PTM:Ubiquitinated; subsequent to hypoxia-dependent phosphorylation of Ser-122, ubiquitination targets the protein for rapid degradation via the ubiquitin system. This process may be characteristic for microvascular endothelial cells, since it could not be

Subcellular Location : Nucleus .

Expression : Leukemic stem cell.

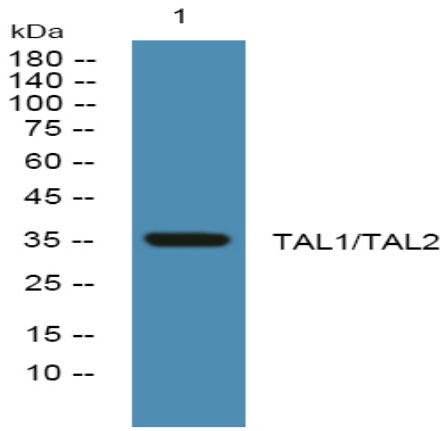
Sort : 16904

No4 : 1

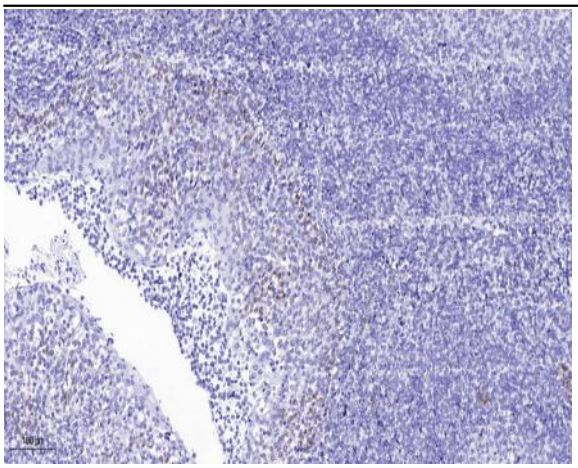
Host : Rabbit

Modifications : Unmodified

Products Images



Western blot analysis of lysates from A431 cells, primary antibody was diluted at 1:1000, 4°over night



Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).