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# anti-TAL1 antibody

2 Images



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Quantity:	100 μL	
Target:	TAL1	
Reactivity:	Rat	
Host:	Rabbit	
Clonality:	Polyclonal	
Application:	Immunohistochemistry (IHC), Immunofluorescence (IF)	
Product Details		
Immunogen:	Recombinant protein corresponding to Mouse Tal1	
Cross-Reactivity:	Rat	
Purification:	Affinity purification	
Target Details		
Target:	TAL1	
Alternative Name:	Tal1 (TAL1 Products)	
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 phosphoprotein 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,	

### **Target Details**

	catalytic subunit of casein kinase alpha, a serine/ threonine protein kinase known to modulate the activity of other bHLH transcription factors.
Gene ID:	21349
NCBI Accession:	NP_001274317
UniProt:	P22091
Pathways:	Stem Cell Maintenance

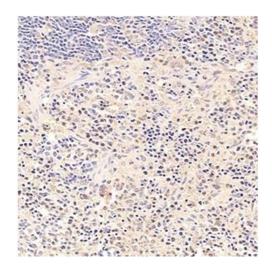
### **Application Details**

Application Notes:	IHC/IF (R) 1:800-1:1500/1:400-1:1000
Restrictions:	For Research Use only

## Handling

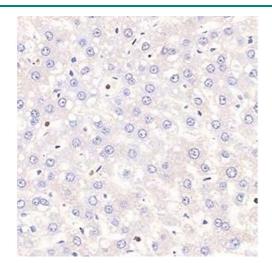
Format:	Liquid
Buffer:	PBS, pH 7.4, 0.02 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C

#### **Images**



### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Immunohistochemistry analysis of paraffinembedded rat spleen using,Tal1 (ABIN7075819) at dilution of 1: 1500



#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 2.** Immunohistochemistry analysis of paraffinembedded rat hepatitis using,Tal1 (ABIN7075819) at dilution of 1: 1500