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Datasheet for ABIN2426335

anti-PAX5 antibody

2 Images

Overview

Quantity:	200 µL
Target:	PAX5
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PAX5 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Synthetic peptide of human PAX5
Isotype:	IgG
Purification:	Affinity purification

Target Details

Target:	PAX5
Alternative Name:	PAX5 (PAX5 Products)
Background:	B cell lineage specific activator,B cell lineage specific activator protein,B cell specific activator protein,B cell specific transcription factor,B-cell-specific transcription factor,BSAP,EBB-1,KLP,Paired box 5,Paired box gene 5 (B cell lineage specific activator protein),Paired box gene 5 (B cell lineage specific activator),Paired box gene 5,Paired box homeotic gene 5,Paired box protein Pax 5,Paired box protein Pax-5,Paired domain gene 5,PAX 5,PAX5,PAX5,Transcription

Target Details

factor PAX 5, This gene encodes a member of the paired box (PAX) family of transcription factors. The central feature of this gene family is a novel, highly conserved DNA-binding motif, known as the paired box. PAX proteins are important regulators in early development, and alterations in the expression of their genes are thought to contribute to neoplastic transformation. This gene encodes the B-cell lineage specific activator protein that is expressed at early, but not late stages of B-cell differentiation. Its expression has also been detected in developing CNS and testis and so the encoded protein may also play a role in neural development and spermatogenesis. This gene is located at 9p13, which is involved in t(9,14)(p13,q32) translocations recurring in small lymphocytic lymphomas of the plasmacytoid subtype, and in derived large-cell lymphomas. This translocation brings the potent E-mu enhancer of the IgH gene into close proximity of the PAX5 promoter, suggesting that the deregulation of transcription of this gene contributes to the pathogenesis of these lymphomas. Alternatively spliced transcript variants encoding different isoforms have been described but their biological validity has not been determined.

Molecular Weight: Calculated MW: 42 kDa

NCBI Accession: [NP_057953](#)

Application Details

Application Notes: WB 1:500-1:2000

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.5 mg/mL

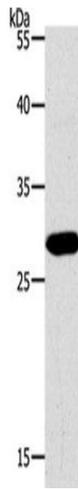
Buffer: PBS with 0.05 % sodium azide and 50 % glycerol, PH7.4

Preservative: Sodium azide

Handling Advice: Avoid freeze / thaw cycles.

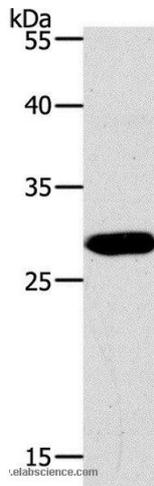
Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1.



Western Blotting

Image 2. Western blot analysis of Jurkat cell, using PAX5 Polyclonal Antibody at dilution of 1:550