

产品名称: Pax-5 Rabbit Polyclonal Antibody
产品货号: AP Rab15789



产品概述 (Summary)

产品名称 (Production Name)	Pax-5 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,ELISA
种属反应性 (Reactivity)	Human,Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	PAX5
别名 (Alternative Names)	PAX5; Paired box protein Pax-5; B-cell-specific transcription factor; BSAP
基因 ID (Gene ID)	5079.0
蛋白 ID (SwissProt ID)	Q02548.The antiserum was produced against synthesized peptide derived from the Internal region of human PAX5. AA range:171-220

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:10000-1:20000
蛋白分子量 (Molecular Weight)	42kDa

研究背景 (Background)

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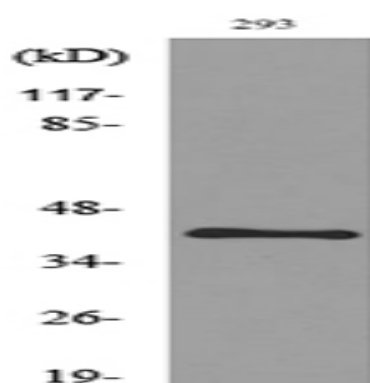


This gene encodes a member of the paired box (PAX) family of transcription factors. The central feature of this gene family is a novel, highly conserved DNA-binding motif, known as the paired box. Paired box transcription factors are important regulators in early development, and alterations in the expression 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. **developmental stage:** Expressed at early B-cell differentiation, in the developing CNS and in adult testis. **disease:** A chromosomal aberration involving PAX5 is a cause of acute lymphoblastic leukemia. Translocation t(9;18)(p13;q11.2) with ZNF521. Translocation t(9;3)(p13;p14.1) with FOXP1. Translocation t(9;12)(p13;p13) with ETV6. **function:** May play an important role in B-cell differentiation as well as neural development and spermatogenesis. Involved in the regulation of the CD19 gene, a B-lymphoid-specific target gene. **PTM:** O-glycosylated. **similarity:** Contains 1 paired domain. **subunit:** Interacts with DAXX (By similarity). Binds DNA as a monomer. Binds TLE4.

研究领域 (Research Area)

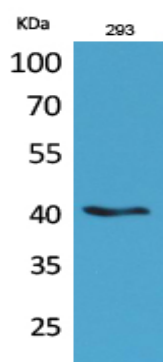
Neuroscience; Neurology process; Neurogenesis; Epigenetics and Nuclear Signaling; Transcription; Domain Families; Developmental Families; PAX

图片 (Image Data)

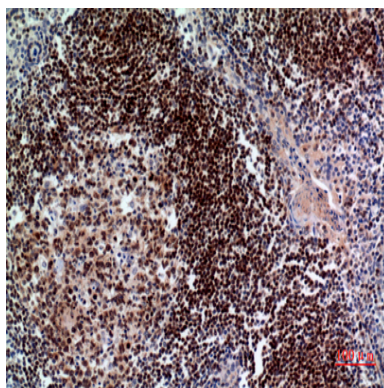


Western blot analysis of lysate from 293 cells, using PAX5 Antibody.

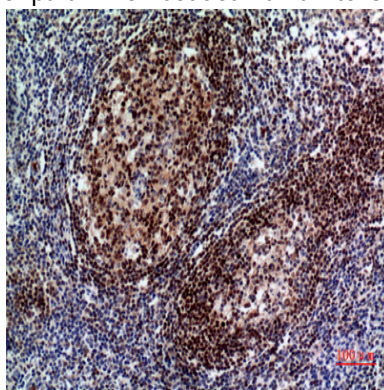
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Western Blot analysis of 293 cells using Pax-5 Polyclonal Antibody.. Secondary antibody was diluted at 1:20000 cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Inventbiotech, MN, USA) .

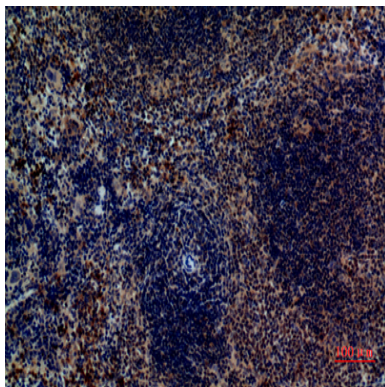


Immunohistochemical analysis of paraffin-embedded human-tonsil, antibody was diluted at 1:100

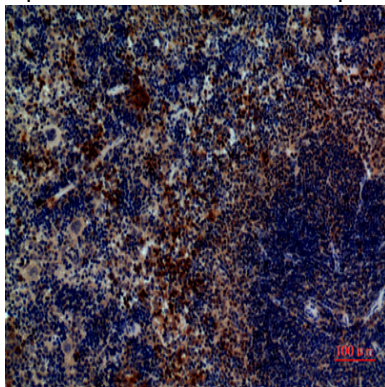


Immunohistochemical analysis of paraffin-embedded human-tonsil, antibody was diluted at 1:100

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Immunohistochemical analysis of paraffin-embedded mouse-spleen, antibody was diluted at 1:100



Immunohistochemical analysis of paraffin-embedded mouse-spleen, antibody was diluted at 1:100

注意事项 (Note)

For research use only .