

**Pax-5 Polyclonal Antibody**  
Catalog # AP71784**Specification**

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**Pax-5 Polyclonal Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">Q02548</a>
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal

**Pax-5 Polyclonal Antibody - Additional Information****Gene ID** 5079**Other Names**

PAX5; Paired box protein Pax-5; B-cell-specific transcription factor; BSAP

**Dilution**

WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/40000. Not yet tested in other applications.

**Format**

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

**Storage Conditions**

-20°C

**Pax-5 Polyclonal Antibody - Protein Information****Name** PAX5**Function**

Transcription factor that plays an essential role in commitment of lymphoid progenitors to the B-lymphocyte lineage (PubMed:<a href="http://www.uniprot.org/citations/10811620" target="\_blank">10811620</a>, PubMed:<a href="http://www.uniprot.org/citations/27181361" target="\_blank">27181361</a>). Fulfills a dual role by repressing B-lineage inappropriate genes and simultaneously activating B-lineage-specific genes (PubMed:<a href="http://www.uniprot.org/citations/10811620" target="\_blank">10811620</a>, PubMed:<a href="http://www.uniprot.org/citations/27181361" target="\_blank">27181361</a>). In turn, regulates cell adhesion and migration, induces V(H)-to-D(H)J(H) recombination, facilitates pre-B-cell receptor signaling and promotes development to the mature B-cell stage (PubMed:<a href="http://www.uniprot.org/citations/32612238" target="\_blank">32612238</a>). Repression of the cohesin-release factor WAPL causes global changes of the chromosomal architecture in pro-B cells to facilitate the generation of a diverse antibody repertoire (PubMed:<a href="http://www.uniprot.org/citations/32612238" target="\_blank">32612238</a>).

**Cellular Location**

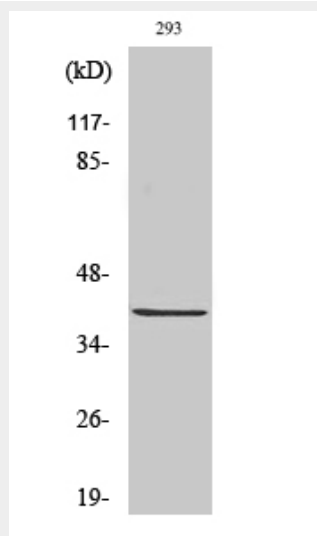
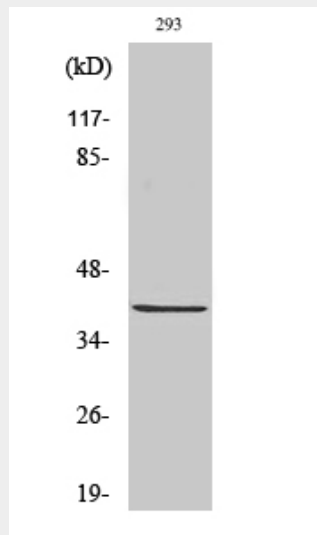
Nucleus.

## Pax-5 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## Pax-5 Polyclonal Antibody - Images



## Pax-5 Polyclonal Antibody - Background

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.