

**Anti-PAX3 Antibody (N-term), Biotinylated**  
Catalog # AF4279a

**Specification**

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**Anti-PAX3 Antibody (N-term), Biotinylated - Product Information**

Application	<b>WB</b>
Primary Accession	<a href="#">P23760</a>
Other Accession	<a href="#">5077</a> , <a href="#">NP_852122.1</a> , <a href="#">NP_000429.2</a> , <a href="#">NP_039230.1</a> , <a href="#">NP_852123.1</a> , <a href="#">NP_852124.1</a> , <a href="#">NP_852126.1</a> , <a href="#">NP_852125.1</a> , <a href="#">NP_001120838.1</a> , <a href="#">18505</a> , <a href="#">114502</a>
Reactivity	<b>Human</b>
Predicted	<b>Human, Mouse, Rat</b>
Calculated MW	<b>52968</b>

**Anti-PAX3 Antibody (N-term), Biotinylated - Additional Information**

**Gene ID** 5077

**Other Names**

neurogenesis; transcription factor; gene regulation; Waardenburg Syndrome; CNS; hearing

**Target/Specificity**

This antibody is expected to recognize all 8 reported isoforms (NP\_852122.1; NP\_000429.2; NP\_039230.1; NP\_852123.1; NP\_852124.1; NP\_852126.1; NP\_852125.1; NP\_001120838.1).

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

Anti-PAX3 Antibody (N-term), Biotinylated is for research use only and not for use in diagnostic or therapeutic procedures.

**Anti-PAX3 Antibody (N-term), Biotinylated - Protein Information**

**Name** PAX3

**Synonyms** HUP2

**Function**

Transcription factor that may regulate cell proliferation, migration and apoptosis. Involved in neural development and myogenesis. Transcriptional activator of MITF, acting synergistically with SOX10 (PubMed: <http://www.uniprot.org/citations/21965087> target="\_blank">21965087</a>).

**Cellular Location**

Nucleus.

### Anti-PAX3 Antibody (N-term), Biotinylated - 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](#)

### Anti-PAX3 Antibody (N-term), Biotinylated - Images



Biotinylated antibody (0.5  $\mu\text{g/ml}$ ) staining of Human Duodenum lysate (35  $\mu\text{g}$  protein in RIPA buffer), exactly mirroring its parental non-biotinylated product. Primary incubation was 1 hour. Detected by chemiluminescence, using streptavidin-HRP and using NAP blocker as a substitute for skimmed milk.