10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-PAX3 Antibody (N-term), Biotinylated

Catalog # AF4279a

Product Information

Application	WB, IHC, E
Primary Accession	P23760
Other Accession	5077, NP_852122.1, NP_000429.2, NP_039230.1, NP_852123.1, NP_852124.1, NP_852126.1, NP_852125.1, NP_001120838.1, 18505, 114502
Reactivity	Human
Predicted	Human, Mouse, Rat
Calculated MW	52968

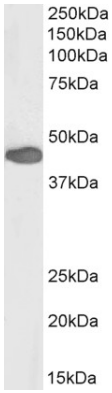
Additional Information

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).
Dilution	WB~~1:1000 IHC~~1:100~500 E~~N/A
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.

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:21965087).
Cellular Location	Nucleus.

Images



Biotinylated antibody (0.5 µg/ml) staining of Human Duodenum lysate (35 µg 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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.