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## anti-Paired Box 3 antibody (N-Term) (Biotin)



Image



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Quantity:	100 μg
Target:	Paired Box 3 (PAX3)
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This Paired Box 3 antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

#### **Product Details**

1 Toddet Details		
Purpose:	PAX3, Biotinylated	
Sequence:	TTLAGAVPRM MC.	
Isotype:	IgG	
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).	
Cross-Reactivity:	Cow, Human, Mouse, Rat	
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.	
Grade:	Verified	

### **Target Details**

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Target:	Paired Box 3 (PAX3)	
Alternative Name:	PAX3 (PAX3 Products)	
Background:	PAX3, paired box 3, CDHS, HUP2, WS1, WS3, paired box homeotic gene 3, paired domain gene	
	3, paired domain gene HuP2	
Gene ID:	5077, 18505, 114502	
NCBI Accession:	NP_852122, NP_000429, NP_039230, NP_852123, NP_852124, NP_852126, NP_852125,	
	NP_001120838	
Pathways:	Sensory Perception of Sound, Tube Formation	
Application Details		
Application Notes:	Western Blot: Approx 45 kDa band observed in Human Duodenum lysates (calculated MW of	
	45.2 kDa according to NP_852125.1 and 44.8 kDa according to NP_852126.1). See non-	
	biotinylated parental product's datasheet for further QC data. Recommended concentration	
	Peptide ELISA: antibody detection limit dilution 1:32000.	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Concentration:	0.5 mg/mL	
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum	
	albumin.	
Preservative:	Sodium azide	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which	
	should be handled by trained staff only.	
Handling Advice:	Minimize freezing and thawing.	
Storage:	-20 °C	
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated	
	at 4°C for a few weeks and still remain viable.	

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

#### **Western Blotting**

**Image 1.** Biotinylated ABIN5539570 (0.5μg/ml) staining of Human Duodenum lysate (35μg 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.