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## anti-Paired Box 3 antibody (Internal Region)





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Overview	
Quantity:	100 μg
Target:	Paired Box 3 (PAX3)
Binding Specificity:	Internal Region
Reactivity:	Human, Mouse, Rat
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This Paired Box 3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA
Product Details	
Purpose:	PAX3
Sequence:	STVHQSTIPS NPD

1 Toduct Details		
Purpose:	PAX3	
Sequence:	STVHQSTIPS NPD	
Isotype:	IgG	
Specificity:	This antibody is expected to recognize isoforms PAX3 (NP_852122.1), PAX3d (NP_852123.1), PAX3e (NP_852124.1), PAX3g (NP_852126.1), PAX3h (NP_852125.1), and PAX3i (NP_001120838.1).	
Cross-Reactivity:	Cow, Dog, Human, Mouse, Pig, 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, MGC120381, MGC120382, MGC120383, MGC120384,	
	MGC134778, WS1, 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 55 kDa band observed in Human Brain (Frontal Cortex) and Mouse and	
	Rat Brain lysates (calculated MW of 53.0 kDa according to Human NP_852122.1 and 52.9 kDa	
	according to Mouse NP_032807.3). Recommended concentration: 1-3 µg/mL.	
	Peptide ELISA: antibody detection limit dilution 1:64000.	
Restrictions:	For Research Use only	
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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 refrigerate	
	at 4°C for a few weeks and still remain viable.	

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa

## **Western Blotting**

**Image 1.** ABIN5539569 (2μg/ml) staining of Mouse Brain lysate (35μg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.