

Product Datasheet

PITX3 Antibody NB100-96910

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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Publications: 2

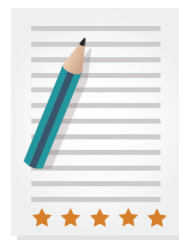
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NB100-96910**PITX3 Antibody**

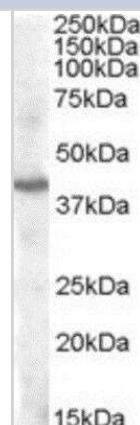
Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description	
Host	Goat
Gene ID	5309
Gene Symbol	PITX3
Species	Human
Marker	Mesencephalic Dopaminergic Neuronal Marker
Specificity/Sensitivity	This antibody is not expected to cross-react with PITX1 and PITX2.
Immunogen	Peptide with sequence PEHGCKGQEHSD corresponding to internal region according to NP_005020.1.

Product Application Details	
Applications	Western Blot, Peptide ELISA
Recommended Dilutions	Western Blot 0.3 - 1 ug/ml, Peptide ELISA Detection limit 1:1000
Application Notes	WB: Approx. 40 kDa band observed in human brain is reported in scientific literature (PMID: 17848564).

Images

Western Blot: PITX3 Antibody [NB100-96910] - (1ug/ml) staining of Human Cer(35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

**Publications**

Kim J, Inoue K, Ishii J et al. A MicroRNA feedback circuit in midbrain dopamine neurons. Science 2007-08-31 [PMID: 17761882]

Coulon V, L'Honore A, Ouimette JF et al. A muscle-specific promoter directs Pitx3 gene expression in skeletal muscle cells. J Biol Chem 2007-11-01 [PMID: 17848564]





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Products Related to NB100-96910

NBL1-14449	PITX3 Overexpression Lysate
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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