

Product Datasheet

PITX1 Antibody - Azide and BSA Free H00005307-D01P

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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Publications: 3

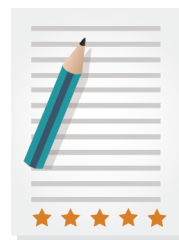
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H00005307-D01P

PITX1 Antibody - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	No Preservative
Isotype	IgG
Purity	Protein A purified
Buffer	PBS (pH 7.4)

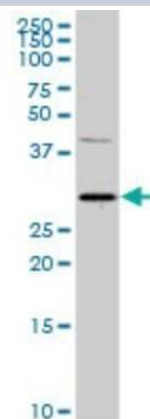
Product Description	
Description	Quality control test: Antibody reactive against mammalian transfected lysate.
Host	Rabbit
Gene ID	5307
Gene Symbol	PITX1
Species	Human, Mouse
Specificity/Sensitivity	PITX1 - paired-like homeodomain 1,
Immunogen	PITX1 (NP_002644.3, 1 a.a. - 314 a.a.) full-length human protein. MDAFKGGMSLERLPEGLRPPPPPHDMGPAFHLARPADPREPLENSASESSD TELPEKERGGEPKGPEDSGAGGTGCGGADDPAKKKKQRRQRTHTFTSQQLQE LEATFQRNRYPDMSMREEIAVWTNLTEPRVRVWFKNRRAKWRKRERNQQLD LCKGGYVPQFSGLVQPYEDVYAAGYSYNNWAAKSLAPAPLSTKSFTFFNSMS PLSSQSMFSAPSSISSMTMPSSMGPAGVPGMPNSGLNNINNLTGSSLNSAMS PGACPYGTPASPYSVYRDTCNSSLASRLKSKQHSSFGYGALQGPASGLNAC QYNS
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Chromatin Immunoprecipitation (ChIP)
Recommended Dilutions	Western Blot, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, Chromatin Immunoprecipitation (ChIP)
Application Notes	Antibody reactivity against Recombinant Protein with GST tag on ELISA and WB and also on transfected lysate in WB. GST tag alone is used as a negative control.

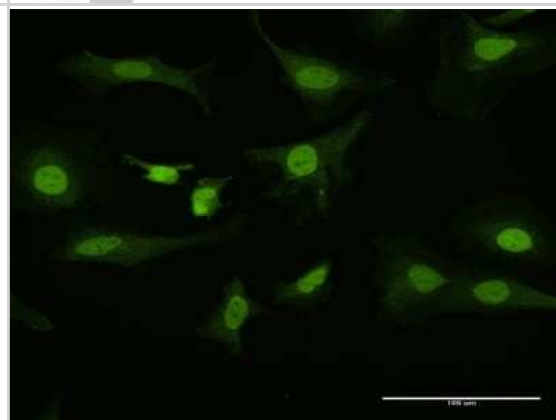


Images

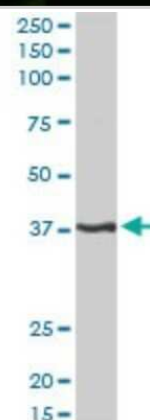
Western Blot: PITX1 Antibody [H00005307-D01P] - Analysis of PITX1 expression in mouse brain.



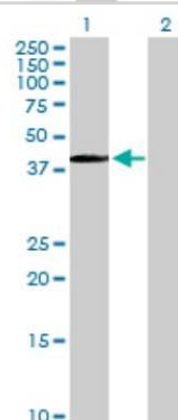
Immunocytochemistry/Immunofluorescence: PITX1 Antibody [H00005307-D01P] - Analysis of antibody to PITX1 on HeLa cell. Antibody concentration 10 ug/ml.



Western Blot: PITX1 Antibody [H00005307-D01P] - Analysis of PITX1 expression in human placenta.



Western Blot: PITX1 Antibody [H00005307-D01P] - Analysis of PITX1 expression in transfected 293T cell line by PITX1 polyclonal antibody. Lane 1: PITX1 transfected lysate (34.10 KDa). Lane 2: Non-transfected lysate.



Publications

Ding J, Li F, Cong Y et al. Trichostatin A inhibits skeletal muscle atrophy induced by cigarette smoke exposure in mice. *Life Sci.* 2019-08-28 [PMID: 31472151]

Jiang W, He Y, Shi Y et al. MicroRNA-1204 promotes cell proliferation by regulating PITX1 in non-small cell lung cancer. *Cell Biol Int.* 2019-01-02 [PMID: 30549141]

Mullen RD, Park S, Rhodes SJ. A Distal Modular Enhancer Complex Acts to Control Pituitary- and Nervous System-Specific Expression of the LHX3 Regulatory Gene. *Mol Endocrinol.* 2011-12-22 [PMID: 22194342]





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Products Related to H00005307-D01P

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00005307-P01-10ug	Recombinant Human PITX1 GST (N-Term) Protein

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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