

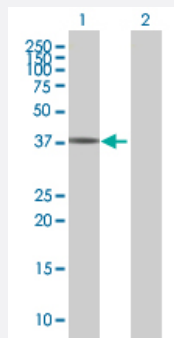
MaxPab®

PITX1 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00005307-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of PITX1 expression in transfected 293T cell line ([H00005307-T01](#)) by PITX1 MaxPab polyclonal antibody.

Lane 1: PITX1 transfected lysate(34.54 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human PITX1 protein.

Immunogen

PITX1 (NP_002644.3, 1 a.a. ~ 314 a.a) full-length human protein.

Sequence

MDAFKGGMSLERLPEGLRPPPPPPHDMGPAFHLARPADPREPLENSASESSDTELPEKERGG
EPKGPEDSGAGGTGCGGADDPAKKKKQRRQRTHFTSQQLQELEATFQRNRYPDMSMREEIAV
WTNLTEPRVRVWFKNRRAKWRKRERNQQLDLCKGGYVPQFSGLVQPYEDVYAAGYSYNNWAA
KSLAPAPLSTKSFTFFNSMSPLSSQSMFSAPSSISSMTMPSSMGPGAVPGMPNSGLNNINNLTG
SSLNSAMSPGACPYGTPASPYSYRDTCNSSLASLRLKSKQHSSFGYGALQGPASGLNACQYNS

Host

Mouse

Reactivity

Human

Quality Control Testing

Antibody reactive against mammalian transfected lysate.

Storage Buffer

In 1x PBS, pH 7.4

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

Gene Info — PITX1

Entrez GeneID	5307
GeneBank Accession#	NM_002653.3
Protein Accession#	NP_002644.3
Gene Name	PITX1
Gene Alias	BFT, POTX, PTX1
Gene Description	paired-like homeodomain 1
Omim ID	602149
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the RIEG/PITX homeobox family, which is in the bicoid class of homeodomain proteins. Members of this family are involved in organ development and left-right asymmetry. This protein acts as a transcriptional regulator involved in basal and hormone-regulated activity of prolactin. [provided by RefSeq]
Other Designations	hindlimb expressed homeobox protein backfoot paired-like homeodomain transcription factor 1 pituitary homeo box 1 pituitary otx-related factor

Disease

- [Autistic Disorder](#)
- [Cleft Lip](#)
- [Cleft Palate](#)

- [Genetic Predisposition to Disease](#)