

PITX1 rabbit monoclonal antibody

Catalog # H00005307-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human PITX1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human PITX1 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human PITX1 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — PITX1

Entrez GeneID [5307](#)

GeneBank Accession# [PITX1](#)

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 homeobox 1|pituitary otx-related factor

Disease

- [Autistic Disorder](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Genetic Predisposition to Disease](#)