

Rabbit anti-Human PITX1 Polyclonal Antibody | anti-PITX1 antibody

Rabbit anti-PITX1 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211031	Rabbit	Human	Immunoprecipitation, Western Blot

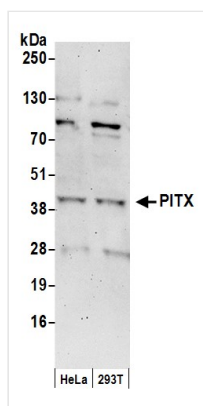
PRODUCT SYNONYMS

PITX1; Polyclonal Antibody; Rabbit anti-PITX1 Antibody; Affinity Purified; pituitary homeo box 1; POTX; pituitary otx-related factor; hindlimb expressed homeobox protein backfoot; pituitary homeobox 1; PTX1; LBNBG; Hindlimb-expressed homeobox protein backfoot; CCF; BFT; homeobox protein PITX1; paired-like homeodomain transcription factor 1; Pituitary homeobox 1; paired like homeodomain 1; anti-PITX1 antibody

PRODUCT SPECIFICATIONS

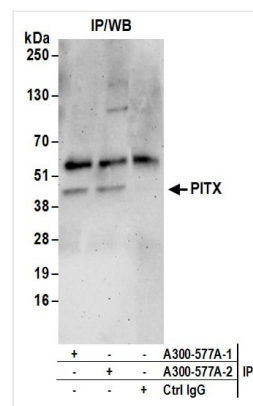
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-PITX1 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 50 and 100
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human PITX by western blot. Samples: Whole cell lysate (50 ug) from HeLa and HEK293T cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-PITX antibody AAA211031 (lot AAA211031-2) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



IP (Immunoprecipitation)

Detection of human PITX by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-PITX antibody AAA211031 (lot AAA211031-2) used for IP at 6 ug per reaction. PITX was also immunoprecipitated by a previous lot of this antibody AAA211031-1. For blotting immunoprecipitated PITX, AAA211031 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.

ADDITIONAL INFORMATION

Related Product Information for anti-PITX1 antibody	PITX1 is a homeobox-containing transcription factor involved in the development of many organs. PITX1 has been demonstrated to play a critical role in pituitary organogenesis and can stimulate transcription from most pituitary hormone promoters. PITX1 has also been shown to stimulate the leutinizing hormone (LH)-beta gene promoter and may serve an important role in reproductive gene expression.
Product Categories/Family for anti-PITX1 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GeneID	5307
UniProt Accession #	P78337
UniProt Protein Name	Pituitary homeobox 1
UniProt Gene Name	PITX1
UniProt Synonym Gene Names	BFT; PTX1
UniProt Entry Name	PITX1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/pitx1-antibody-immunoprecipitation-western-blot-elisa/211031>