

Rabbit PITX1 Polyclonal Antibody | anti-PITX1 antibody

PITX1 antibody - N-terminal region

CATALOG # AAA197339	HOST Rabbit	REACTIVITY Cow, Dog, Guinea Pig, Human, Mouse, Rat	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

PITX1; Polyclonal Antibody; PITX1 antibody - N-terminal region; anti-PITX1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: PA DPPEPLNSA SESSDTLPE KERGGEPKGP EDSGAGGTGC GGADDPK
Sequence Length	314
Applicable Applications for anti-PITX1 antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Human: 100%; Mouse: 100%; Rat: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human PITX1
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES

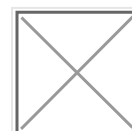

WB (Western Blot)

WB Suggested Anti-PITX1 Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:62500
Positive Control: MCF7 cell lysate

WB (Western Blot)

Host: Rabbit
Target Name: PITX1
Sample Type: Human HeLa
Antibody Dilution: 1.0ug/ml
PITX1 is strongly supported by BioGPS gene expression data to be expressed in Human HeLa cells

WB (Western Blot)

Host: Rabbit
Target Name: PITX1
Sample Type: Human 293T
Antibody Dilution: 1.0ug/ml
PITX1 is supported by BioGPS gene expression data to be expressed in HEK293T

WB (Western Blot)

Host: Mouse
Target Name: PITX1
Sample Tissue: Mouse Brain
Antibody Dilution: 1ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-PITX1 antibody	This is a rabbit polyclonal antibody against PITX1. It was validated on Western Blot using a cell lysate as a positive control. Target Description: PITX1 is a member of the RIEG/PITX homeobox family, which is involved in organ development and left-right asymmetry. This protein acts as a transcriptional regulator involved in basal and hormone-regulated activity of prolactin. 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. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.
Product Categories/Family for anti-PITX1 antibody	Polyclonal; Transcription Factor; Transcription Regulation; Transcription Regulation; Developmental Biology; Cell Structure; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	152963644
NCBI GeneID	5307
NCBI Accession #	NP_002644
NCBI GenBank Nucleotide #	NM_002653
UniProt Accession #	P78337
Molecular Weight	34kDa
NCBI Official Full Name	pituitary homeobox 1
NCBI Official Synonym Full Names	paired like homeodomain 1
NCBI Official Symbol	PITX1
NCBI Official Synonym Symbols	BFT; CCF; POTX; PTX1; LBNBG
NCBI Protein Information	pituitary homeobox 1
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.