

Rabbit PITX3 Polyclonal Antibody | anti-PITX3 antibody

PITX3 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA197505	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Sheep, Zebrafish	Western Blot, Immunohistochemistry

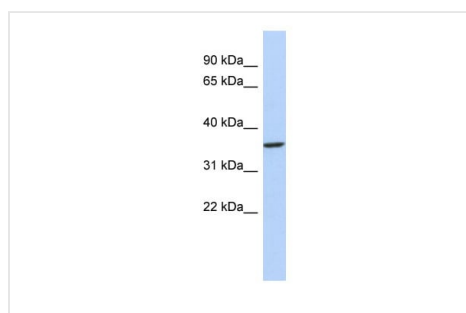
PRODUCT SYNONYMS

PITX3; Polyclonal Antibody; PITX3 antibody - N-terminal region; anti-PITX3 antibody

PRODUCT SPECIFICATIONS

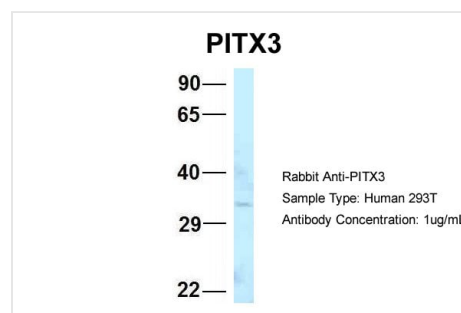
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Sheep, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: ME FGLLSEAEAR SPALSLSDAG TPHPQLPEHG CKGQEHSDSE KASASLPG
Sequence Length	302
Applicable Applications for anti-PITX3 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Sheep: 100%; Zebrafish: 85%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human PITX3
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



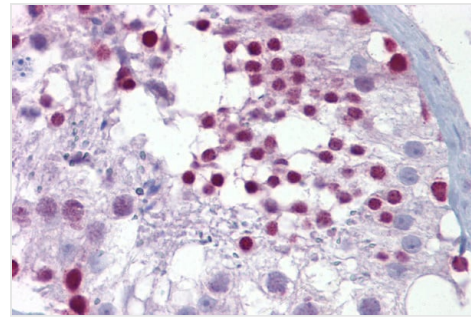
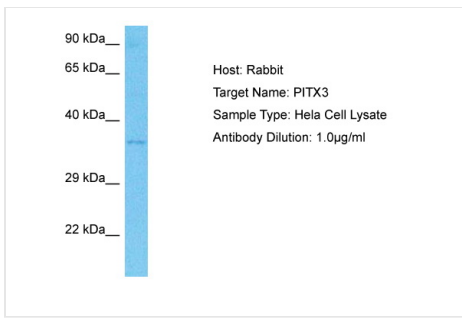
WB (Western Blot)

WB Suggested Anti-PITX3 Antibody Titration: 0.2-1 ug/mL
 ELISA Titer: 1:12500
 Positive Control: MCF7 cell lysate



WB (Western Blot)

Host: Rabbit
 Target Name: PITX3
 Sample Type: 293T
 Antibody Dilution: 1.0ug/mL
 PITX3 is supported by BioGPS gene expression data to be expressed in HEK293T



WB (Western Blot)

Host: Rabbit
Target Name: PITX3
Sample Tissue: Human Hela Whole Cell
Antibody Dilution: 1µg/ml

IHC (Immunohistochemistry)

Immunohistochemistry with Testis tissue at an antibody concentration of 5µg/ml using anti-PITX3 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-PITX3 antibody

This is a rabbit polyclonal antibody against PITX3. It was validated on Western Blot using a cell lysate as a positive control.

Target Description: PITX3 is a member of the RIEG/PITX homeobox family, which is in the bicoid class of homeodomain proteins. Members of this family act as transcription factors. Mutations of PITX3 have been associated with anterior segment mesenchymal dysgenesis (ASMD) and congenital cataracts. PITX3 is involved in lens formation during eye development. This gene encodes a member of the RIEG/PITX homeobox family, which is in the bicoid class of homeodomain proteins. Members of this family act as transcription factors. Mutations of this gene have been associated with anterior segment mesenchymal dysgenesis (ASMD) and congenital cataracts. This protein is involved in lens formation during eye development. This gene encodes a member of the RIEG/PITX homeobox family, which is in the bicoid class of homeodomain proteins. Members of this family act as transcription factors. This protein is involved in lens formation during eye development. Mutations of this gene have been associated with anterior segment mesenchymal dysgenesis and congenital cataracts. **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-PITX3 antibody

[Polyclonal](#); [Transcription Factor](#); [Transcription Regulation](#); [Transcription Regulation](#); [Developmental Biology](#); [Disease Related](#); [Immunohistochemistry](#); [Transcription Factors](#); [Cell Differentiation](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4826912
NCBI GeneID	5309
NCBI Accession #	NP_005020
NCBI GenBank Nucleotide #	NM_005029
UniProt Accession #	O75364
Molecular Weight	32kDa
NCBI Official Full Name	pituitary homeobox 3
NCBI Official Synonym Full Names	paired like homeodomain 3
NCBI Official Symbol	PITX3
NCBI Official Synonym Symbols	ASMD; ASOD; PTX3; ASGD1; CTPP4; CTRCT11
NCBI Protein Information	pituitary homeobox 3
UniProt Protein Name	Pituitary homeobox 3
UniProt Gene Name	PITX3
UniProt Synonym Gene Names	PTX3

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/pitx3-antibody-western-blot-immunohistochemistry-elisa/197505>