

Rabbit anti-Human PITX3 Polyclonal Antibody | anti-PITX3 antibody

PITX3 Antibody, Biotin conjugated

CATALOG # AAA232532	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA
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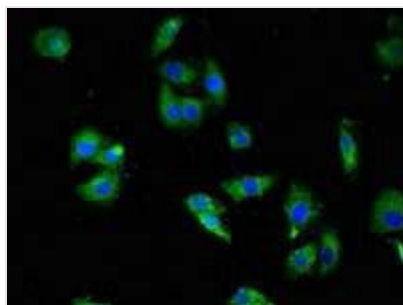
PRODUCT SYNONYMS

PITX3; Polyclonal Antibody; PITX3 Antibody; Biotin conjugated; Pituitary homeobox 3; Homeobox protein PITX3; Paired-like homeodomain transcription factor 3; PTX3; anti-PITX3 antibody

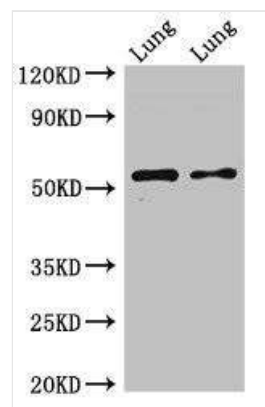
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	302
Applicable Applications for anti-PITX3 antibody	ELISA
Immunogen	Recombinant human Pituitary homeobox 3 protein (10-200AA)
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Conjugation	Biotin
Preparation and Storage	Upon receipt, aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES


IF (Immunofluorescence)

Immunofluorescent analysis of HepG2 cells using at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)


WB (Western Blot)

Western BlotPositive WB detected in: Rat lung tissue, Mouse lung tissueAll lanes: HTR3A antibody at 2.5 g/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 56, 59, 54, 60 kDaObserved band size: 56 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-PITX3 antibody	Transcriptional regulator which is important for the differentiation and maintenance of meso-diencephalic dopaminergic (mdDA) neurons during development. In addition to its importance during development, it also has roles in the long-term survival and maintenance of the mdDA neurons. Activates NR4A2/NURR1-mediated transcription of genes such as SLC6A3, SLC18A2, TH and DRD2 which are essential for development of mdDA neurons. Acts by decreasing the interaction of NR4A2/NURR1 with the corepressor NCOR2/SMRT which acts through histone deacetylases (HDACs) to keep promoters of NR4A2/NURR1 target genes in a repressed deacetylated state. Essential for the normal lens development and differentiation. Plays a critical role in the maintenance of mitotic activity of lens epithelial cells, fiber cell differentiation and in the control of the temporal and spatial activation of fiber cell-specific crystallins. Positively regulates FOXE3 expression and negatively regulates PROX1 in the anterior lens epithelium, preventing activation of CDKN1B/P27Kip1 and CDKN1C/P57Kip2 and thus maintains lens epithelial cells in cell cycle (By similarity).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4826912
NCBI GeneID	5309
NCBI Accession #	NP_005020.1
NCBI GenBank Nucleotide #	NM_005029.3
UniProt Accession #	O75364; Q5VZL2
Molecular Weight	31,832 Da
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; CTPP4; CTRCT11
NCBI Protein Information	pituitary homeobox 3
UniProt Protein Name	Pituitary homeobox 3
UniProt Gene Name	PITX3
UniProt Synonym Gene Names	PTX3
UniProt Entry Name	PITX3_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/pitx3-antibody-elisa/232532>