

Rabbit anti-Human, Rat PITX2 Polyclonal Antibody | anti-PITX2 antibody

PITX2 Polyclonal Antibody

CATALOG # AAA170568	HOST Rabbit	REACTIVITY Human, Rat	APPLICATIONS Western Blot, ELISA
-------------------------------	-----------------------	---------------------------------	--

PRODUCT SYNONYMS

PITX2; Polyclonal Antibody; PITX2 Polyclonal Antibody; RS; RGS; ARP1; Brx1; IDG2; IGDS; IHG2; PTX2; RIEG; IGDS2; IRID2; Otlx2; RIEG1; anti-PITX2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Form/Format	PBS with 0.05% sodium azide and 50% glycerol, PH7.4
Sequence Length	317
Applicable Applications for anti-PITX2 antibody	WB (Western Blot), ELISA
Immunogen	Recombinant protein of human PITX2
Note	Centrifuge before opening to ensure complete recovery of vial contents.
Preparation and Storage	Store at -20°C. Avoid freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western Blot analysis of A375, 293T and SKOV3 cell using PITX2 Polyclonal Antibody at dilution of 1:250

ADDITIONAL INFORMATION

Related Product Information for anti-PITX2 antibody

This gene encodes a member of the RIEG/PITX homeobox family, which is in the bicoid class of homeodomain proteins. The encoded protein acts as a transcription factor and regulates procollagen lysyl hydroxylase gene expression. This protein plays a role in the terminal differentiation of somatotroph and lactotroph cell phenotypes, is involved in the development of the eye, tooth and abdominal organs, and acts as a transcriptional regulator involved in basal and hormone-regulated activity of prolactin. Mutations in this gene are associated with Axenfeld-Rieger syndrome, iridogoniodysgenesis syndrome, and sporadic cases of Peters anomaly. A similar protein in other vertebrates is involved in the determination of left-right asymmetry during development. Alternatively spliced transcript variants encoding distinct isoforms have been described.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6174907
NCBI GeneID	5308
Molecular Weight	35kDa
NCBI Official Full Name	Pituitary homeobox 2
NCBI Official Synonym Full Names	paired-like homeodomain 2
NCBI Official Symbol	PITX2
NCBI Official Synonym Symbols	RS; RGS; ARP1; Brx1; IDG2; IGDS; IHG2; PTX2; RIEG; IGDS2; IRID2; Otlx2; RIEG1
NCBI Protein Information	pituitary homeobox 2; ALL1-responsive protein ARP1; all1-responsive gene 1; homeobox protein PITX2; paired-like homeodomain transcription factor 2; rieg bicoid-related homeobox transcription factor 1; solurshin
UniProt Protein Name	Pituitary homeobox 2
UniProt Gene Name	PITX2
UniProt Synonym Gene Names	ARP1; RGS; RIEG; RIEG1
UniProt Entry Name	PITX2_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/pitx2-antibody-western-blot-elisa/170568>