

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

PITX2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA233032	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

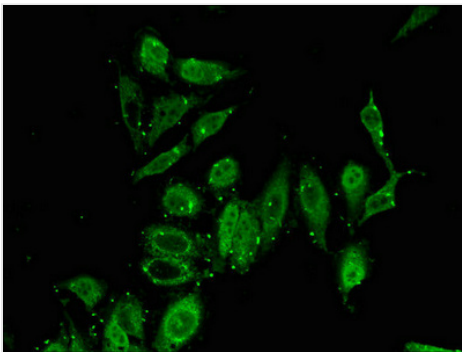
PRODUCT SYNONYMS

PITX2; Polyclonal Antibody; PITX2 Antibody; Pituitary homeobox 2; ALL1-responsive protein ARP1; Homeobox protein PITX2; Paired-like homeodomain transcription factor 2; RIEG bicoid-related homeobox transcription factor; Solurshin; ARP1; RGS; RIEG; RIEG1; anti-PITX2 antibody

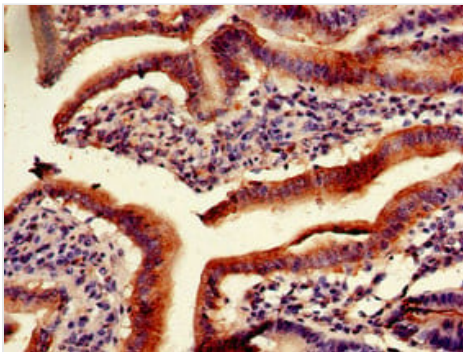
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	324
Applicable Applications for anti-PITX2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human Pituitary homeobox 2 protein (40-154AA)
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Immunogen Species	Homo Sapiens (Human)
Research Area	Epigenetics and Nuclear Signaling
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-33147 / sc-8748
Target Names	PITX2
Conjugate	Non-conjugated
Preparation and Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

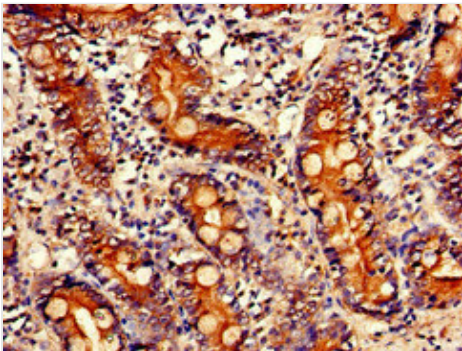
IMAGES



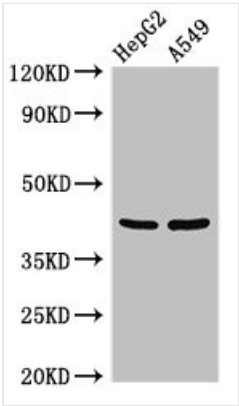
IF (Immunofluorescence)
Immunofluorescent analysis of Hela cells using AAA233032 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution of 1:100



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human duodenum tissue using AAA233032 at dilution of 1:100



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human small intestine tissue using AAA233032 at dilution of 1:100



WB (Western Blot)
Western BlotPositive WB detected in: HepG2 whole cell lysate,A549 whole cell lysateAll lanes: PITX2 antibody at 3ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 36,31 KDaObserved band size: 42 KDa

ADDITIONAL INFORMATION

Related Product Information for anti-PITX2 antibody	Controls cell proliferation in a tissue-specific manner and is involved in morphogenesis. During embryonic development, exerts a role in the expansion of muscle progenitors. May play a role in the proper localization of asymmetric organs such as the heart and stomach. Isoform PTX2C is involved in left-right asymmetry the developing embryo (By similarity).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	21361183
NCBI GeneID	5308
NCBI Accession #	NP_000316.2
NCBI GenBank Nucleotide #	NM_000325.5
UniProt Accession #	Q99697; O60578; O60579; O60580; Q3KQX9; Q9BY17; A8K6C6; B2RA02; B3KXS0
NCBI Official Full Name	pituitary homeobox 2 isoform c
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

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/pitx2-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/233032>