

Datasheet for ABIN2798528
anti-PITX2 antibody (C-Term)



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Overview

Quantity:	400 µL
Target:	PITX2
Binding Specificity:	AA 122-151, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PITX2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Purpose:	Rabbit Anti-Human PITX2 (C-term) Antibody
Immunogen:	This PITX2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 122-151 amino acids from the C-terminal region of human PITX2.
Isotype:	Ig Fraction

Target Details

Target:	PITX2
Alternative Name:	PITX2 (PITX2 Products)
Background:	Target Description: Pitx2 is a member of the RIEG/PITX homeobox family, which is in the bicoid class of homeodomain proteins. This protein acts as a transcription factor and regulates procollagen lysyl hydroxylase gene expression. It plays a role in the terminal differentiation of

Target Details

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 protein 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.

Gene Symbol: PITX2

Molecular Weight:	35370 Da
Gene ID:	5308
UniProt:	Q99697
Pathways:	Retinoic Acid Receptor Signaling Pathway , Regulation of Muscle Cell Differentiation , Skeletal Muscle Fiber Development

Application Details

Application Notes:	Immunofluorescence, Western Blot Recommended Dilutions IF: 1:10-50, WB: 1:1000 Fluorescent image of Hela cell stained with PITX2 Antibody (C-term) was detected using the purified Pab.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.430 mg/mL
Storage:	4 °C,-20 °C
Storage Comment:	2-8°C (short-term), -20°C (long-term)