

Anti-Human/Mouse/Rat PITX1 Polyclonal Antibody**Polyclonal Antibody****Cat.NO.: PA05590**

3th Edition

Description: This gene encodes a member of the RIEG/PITX homeobox family, which is in the bicoid class of homeodomain proteins. Members of this family are involved in organ development and left-right asymmetry. This protein acts as a transcriptional regulator involved in basal and hormone-regulated activity of prolactin. PITX1 (Paired Like Homeodomain 1) is a Protein Coding gene. Diseases associated with PITX1 include Clubfoot, Congenital, With Or Without Deficiency Of Long Bones And/Or Mirror-Image Polydactyly and Liebenberg Syndrome. Among its related pathways are DAG and IP3 signaling. GO annotations related to this gene include transcription factor activity, sequence-specific DNA binding and transcriptional activator activity, RNA polymerase II core promoter proximal region sequence-specific binding. An important paralog of this gene is PITX2.

Antigen: Synthesized peptide derived from the Internal region of human Pitx1

Form:

How to use: 1.0 ml distilled water will be added to the product

Stability: Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

Dilution: PBS (pH7.4) containing 1% BSA

Application: This antibody can be used for western blotting in concentration of 1?5?g/ml.

Specificity: