

For Research Use Only

# PITX2 Polyclonal antibody

Catalog Number: 11106-1-AP



## Basic Information

<b>Catalog Number:</b> 11106-1-AP	<b>GenBank Accession Number:</b> BC013998	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 133 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 5308	
<b>Source:</b> Rabbit	<b>Full Name:</b> paired-like homeodomain 2	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 36 kDa	
<b>Immunogen Catalog Number:</b> AG1583		

## Applications

**Tested Applications:**  
ELISA

**Species Specificity:**  
human, mouse, rat

## Background Information

PITX2 belongs to the bicoid class of homeodomain transcription factors, which play essential roles in embryonic development. Various PITX2 isoforms are involved in a wide variety of developmental programs, including left-right signaling. It controls cell proliferation in a tissue-specific manner and is involved in morphogenesis. During embryonic development, PITX2 involves in the expansion of muscle progenitors. In addition, it may play a role in the proper localization of asymmetric organs such as the heart and stomach.

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

**Aliquoting is unnecessary for -20°C storage**

**\*\*\* 20ul sizes contain 0.1% BSA**

For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

---

## Selected Validation Data