

For Research Use Only

PITX2 Monoclonal antibody, PBS Only



Catalog Number: 67201-1-PBS

Featured Product

Basic Information

Catalog Number:

67201-1-PBS

Size:

1mg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG27924

GenBank Accession Number:

BC013998

GeneID (NCBI):

5308

UNIPROT ID:

Q99697

Full Name:

paired-like homeodomain 2

Calculated MW:

36 kDa

Observed MW:

30 kDa

Purification Method:

Protein A purification

CloneNo.:

1E3B1

Applications

Tested Applications:

Indirect ELISA, WB

Species Specificity:

rat, mouse, human

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 is involved 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. PITX2 can be bound by some other proteins, and are part of a much larger atrial transcriptional complex. This antibody specifically recognizes isoform PTX2C.

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

For technical support and original validation data for this product please contact:

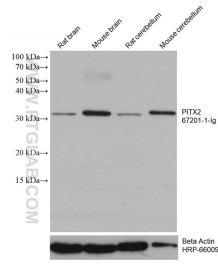
T: 4006900926

E: Proteintech-CN@ptglab.com

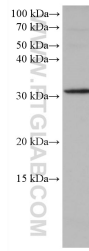
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67201-1-Ig (PITX2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Beta Actin Monoclonal antibody (HRP-66009) as loading control. This data was developed using the same antibody clone with 67201-1-PBS in a different storage buffer formulation.



HEK-293 cells were subjected to SDS PAGE followed by western blot with 67201-1-Ig (PITX2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67201-1-PBS in a different storage buffer formulation.