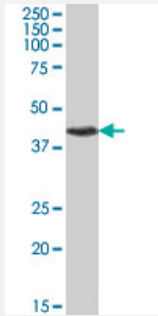


PITX3 polyclonal antibody

Catalog # PAB7438 Size 100 ug

Applications



Western Blot (Tissue lysate)

PITX3 polyclonal antibody (Cat # PAB7438) (1 ug/mL) staining of human cerebellum lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specification

Product Description Goat polyclonal antibody raised against synthetic peptide of PITX3.

Immunogen A synthetic peptide corresponding to human PITX3.

Sequence PEHGCKGQEHSD

Host Goat

Theoretical MW (kDa) 31.8

Reactivity Human

Specificity This antibody is not expected to cross-react with PITX1 and PITX2.

Form Liquid

Purification Antigen affinity purification

Concentration 0.5 mg/mL

Quality Control Testing Antibody Reactive Against Synthetic Peptide.

Recommend Usage	ELISA (1:1000) Western Blot (0.3-1 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

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- Enzyme-linked Immunoabsorbent Assay

Gene Info — PITX3

Entrez GeneID	5309
Protein Accession#	NP_005020.1
Gene Name	PITX3
Gene Alias	CTPP4, MGC12766, PTX3
Gene Description	paired-like homeodomain 3
Omim ID	107250 602669
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the RIEG/PITX homeobox family, which is in the bicoid class of homeodomain proteins. Members of this family act as transcription factors. This protein is involved in lens formation during eye development. Mutations of this gene have been associated with anterior segment mesenchymal dysgenesis and congenital cataracts. [provided by RefSeq]
Other Designations	OTTHUMP00000020362 homeobox protein PITX3

Publication Reference

- [A MicroRNA feedback circuit in midbrain dopamine neurons.](#)

Kim J, Inoue K, Ishii J, Vanti WB, Voronov SV, Murchison E, Hannon G, Abeliovich A.

Science 2007 Aug; 317(5842):1220.

Disease

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- [Attention Deficit Disorder with Hyperactivity](#)
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