

DNAxPAb

Hard-to-Find
Antibody

PAX4 DNAxPab

Catalog # H00005078-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human PAX4 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MNQLGGLFVNGRPLPLDTRQQIVRLAVSGMRPCDISRILKVSNGCVSKILGRYYRTGVLEPKGIGG SKPRLATPPVVARIAQLKGECPALFAWEIQRQLCAEGLCTQDKTPSVSSINRVLRALQEDQGLPC TRLRSPAVLAPAVLTPHSGSETPRGTHPGTGHRNRTIFSPSQAEALEKEFQRGQYPDSVARGKLA TATSLPEDTVRVWFSNRRAKWRRQEKLKWEMQLPGASQGLTVPRVAPGIISAQQSPGVSPTAAL PALEPLGPSCYQLCWATAPERCLSDTPPKACLKPCWGHLPQPNSLDSGLLCLPCPSSHCPPLA SLSGSQALLWPGCPLLYGLE
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — PAX4

Entrez GeneID	5078
GeneBank Accession#	NM_006193.1
Protein Accession#	NP_006184.1
Gene Name	PAX4
Gene Alias	KPD, MGC129960, MODY9
Gene Description	paired box 4
Omim ID	167413
Gene Ontology	Hyperlink
Gene Summary	This gene is a member of the paired box (PAX) family of transcription factors. Members of this gene family typically contain a paired box domain, an octapeptide, and a paired-type homeodomain. These genes play critical roles during fetal development and cancer growth. The paired box 4 gene is involved in pancreatic islet development and mouse studies have demonstrated a role for this gene in differentiation of insulin-producing beta cells. [provided by RefSeq]
Other Designations	paired box gene 4 paired domain gene 4

Pathway

- [Maturity onset diabetes of the young](#)

Disease

- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)
- [Insulin Resistance](#)
- [Kidney Failure](#)
- [Metabolic Syndrome X](#)

- [Renal Insufficiency](#)
- [Werner syndrome](#)