

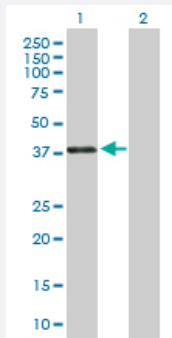
MaxPab®

PAX4 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00005078-D01P

Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of PAX4 expression in transfected 293T cell line ([H00005078-T02](#)) by PAX4 MaxPab polyclonal antibody.

Lane 1: PAX4 transfected lysate(37.00 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human PAX4 protein.
Immunogen	PAX4 (NP_006184.1, 1 a.a. ~ 343 a.a) full-length human protein.
Sequence	MNQLGGLFVNGRPLPLDTRQQIVRLAVSGMRPCDISRILKVSNGCVSKILGRYYRTGVLEPKGIGG SKPRLATPPVVARIAQLKGECPALFAWEIQRQLCAEGLCTQDKTPSVSSINRVLRALQEDQGLPC TRLRSPAVLAPAVLTPHSGSETPRGTHPGTGHRNRTIFSPSQAEALEKEFQRGQYPDSVARGKLA TATSLPEDTVRVWFSNRRAKWRRQEKLKQWEMQLPGASQGLTVPRVAPGIISAQQSPGSVPTAAL PALEPLGPSCYQLCWATAPERCLSDTPPKACLKPCWGHLPQPNSLDSGLLCLPCSSHCPPLA SLSGSQALLWPGCPALLYGLE
Host	Rabbit
Reactivity	Human
Interspecies Antigen Sequence	Mouse (78); Rat (78)
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.

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[Protocol Download](#)

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](#)