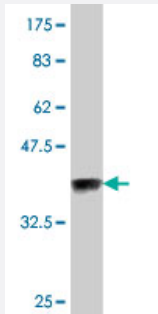


PAX4 polyclonal antibody (A01)

Catalog # H00005078-A01

Size 50 uL

Applications



Western Blot detection against Immunogen (36.78 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant PAX4.
Immunogen	PAX4 (NP_006184, 121 a.a. ~ 217 a.a) partial recombinant protein with GST tag.
Sequence	RALQEDQGLPCTRLRSPAVLAPAVLTPHSGSETPRGTHPGTGHRNRTIFSPSQAEALEKEFQRG QYPDSVARGKLATATSLPEDTVRVWFSNRRAKW
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (84); Rat (85)
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.78 KDa) .
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — PAX4

Entrez GeneID [5078](#)

GeneBank Accession# [NM_006193](#)

Protein Accession# [NP_006184](#)

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](#)