

DNAXPAb

Hard-to-Find
Antibody

LMX1A DNAXPab

Catalog # H00004009-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human LMX1A DNA using DNAX™ Immune technology.
Technology	DNAX™ Immune
Immunogen	Full-length human DNA
Sequence	MEGIMNPYALPTPQQLLAIEQSVYSSDPFRQGLTPPQMPPGDHMHYPYGAEP LFHDLDSDDTSLSN LGDCFLATSEAGPLQSRVGNPIDHLYSMQNSYFTS
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 — LMX1A

Entrez GeneID [4009](#)

GeneBank Accession# [NM_001033507.1](#)

Protein Accession# [NP_001028679.1](#)

Gene Name LMX1A

Gene Alias LMX-1, LMX1, LMX1.1, MGC87616

Gene Description LIM homeobox transcription factor 1, alpha

Omim ID [600298](#)

Gene Ontology [Hyperlink](#)

Gene Summary Insulin is produced exclusively by the beta cells in the islets of Langerhans in the pancreas. The level and beta-cell specificity of insulin gene expression are regulated by a set of nuclear genes that bind to specific sequences within the promoter of the insulin gene (INS; MIM 176730) and interact with RNA polymerase to activate or repress transcription. LMX1 is a homeodomain protein that binds an A/T-rich sequence in the insulin promoter and stimulates transcription of insulin (German et al., 1994 [PubMed 7698771]).[supplied by OMIM]

Other Designations OTTHUMP00000032530|OTTHUMP00000032531|OTTHUMP00000032532

Disease

- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)
- [Osteoporosis](#)
- [Parkinson disease](#)
- [Schizophrenia](#)
- [Tobacco Use Disorder](#)