

DNAxPAb

Hard-to-Find
Antibody

PROP1 DNAxPab

Catalog # H00005626-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human PROP1 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MEAERRRQAEKPKKGRVGSSLLPERHPATGTPTTTVDSSAPPCRRLPGAGGGRSRFSPQGGQR GRPHSRRRHRTTFSPVQLEQLESAFGRNQYPDIWARESLARDTGLSEARIQVWFQNRRAKQRKQ ERSLLQPLAHLSPAASFSSFLPESTACPYSYAAPPPPVTCFPHYSHALPSQPSTGGAFALSHQSE DWYPTLHPAPAGHLPCPPPPMLPLSLEPSKSWN
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 — PROP1

Entrez GeneID [5626](#)

GeneBank Accession# [NM_006261.2](#)

Protein Accession# [NP_006252.1](#)

Gene Name PROP1

Gene Alias -

Gene Description PROP paired-like homeobox 1

Omim ID [601538](#)

Gene Ontology [Hyperlink](#)

Gene Summary PROP1 has both DNA-binding and transcriptional activation ability. Its expression leads to ontogenesis of pituitary gonadotropes, as well as somatotropes, lactotropes, and caudomedial thyrotropes. Inactivating mutations in PROP1 result in deficiencies of luteinizing hormone (LH; MIM 152780), follicle-stimulating hormone (FSH; MIM 136530), growth hormone (GH; MIM 139250), prolactin (PRL; MIM 176760), and thyroid-stimulating hormone (TSH; MIM 188540). See combined pituitary hormone deficiency (CPHD; MIM 262600).[supplied by OMIM]

Other Designations OTTHUMP00000161487|prophet of Pit1, paired-like homeodomain transcription factor

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Hypopituitarism](#)