

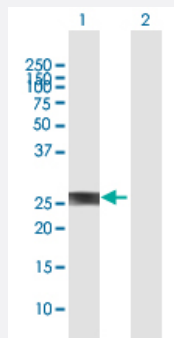
MaxPab®

PROP1 MaxPab rabbit polyclonal antibody (D01)

Catalog # H00005626-D01

Size 100 uL

Applications

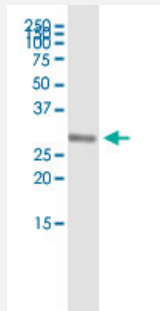


Western Blot (Transfected lysate)

Western Blot analysis of PROP1 expression in transfected 293T cell line ([H00005626-T01](#)) by PROP1 MaxPab polyclonal antibody.

Lane 1: PROP1 transfected lysate(25 KDa).

Lane 2: Non-transfected lysate.



Immunoprecipitation

Immunoprecipitation of PROP1 transfected lysate using anti-PROP1 MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with PROP1 purified MaxPab mouse polyclonal antibody (B01P) ([H00005626-B01P](#)).

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human PROP1 protein.
Immunogen	PROP1 (NP_006252.1, 1 a.a. ~ 226 a.a) full-length human protein.
Sequence	MEAERRRQAEKPKKGRVGSSLLPERHPATGTPTTTVDSSAPPCRRLPGAGGGRSRFSPQGGQR GRPHSRRRHRTTFSPVQLEQLESAFGRNQYPDIWARESLARDTGLSEARIQVWFQNRRAKQRKQ ERSLLQPLAHLSPAAFSSFLPESTACPYSYAAPPPPVTCFHPYSHALPSQPSTGGAFALSHQSE DWYPTLHPAPAGHLPCPPPPMMLPLSLEPSKSWN
Host	Rabbit
Reactivity	Human

Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

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[Protocol Download](#)

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](#)