

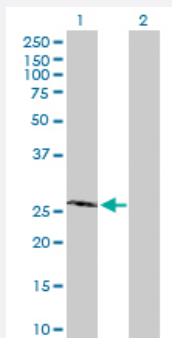
MaxPab®

PROP1 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00005626-D01P

Size 100 ug

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(25.00 KDa).

Lane 2: Non-transfected lysate.

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 ERSLLQPLAHLSPAASFSSFLPESTACPYSYAAPPPVTCFPHYSHALPSQPSTGGAFALSHQSE DWYPTLHPAPAGHLPCPPPPMPLPLSLEPSKSWN
Host	Rabbit
Reactivity	Human
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

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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](#)