

PROP1 rabbit monoclonal antibody

Catalog # H00005626-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human PROP1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human PROP1 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human PROP1 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — PROP1

Entrez GeneID	5626
GeneBank Accession#	PROP1
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

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