

HOXD1 rabbit monoclonal antibody

Catalog # H00003231-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human HOXD1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human HOXD1 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 HOXD1 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 — HOXD1

Entrez GeneID	3231
GeneBank Accession#	HOXD1
Gene Name	HOXD1
Gene Alias	HOX4, HOX4G, Hox-4.7
Gene Description	homeobox D1
Omim ID	142987
Gene Ontology	Hyperlink
Gene Summary	This gene is a member of the Antp homeobox family and encodes a protein with a homeobox DNA-binding domain. This nuclear protein functions as a sequence-specific transcription factor that is involved in differentiation and limb development. Mutations in this gene have been associated with severe developmental defects on the anterior-posterior (a-p) limb axis. [provided by RefSeq]
Other Designations	OTTHUMP00000163336 homeo box 4G homeo box D1

Disease

- [Clubfoot](#)
- [Genetic Predisposition to Disease](#)
- [Ovarian Neoplasms](#)