

HOXA4 rabbit monoclonal antibody

Catalog # H00003201-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human HOXA4 peptide using ARM Technology.
Immunogen	A synthetic peptide of human HOXA4 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 HOXA4 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 — HOXA4

Entrez GeneID	3201
GeneBank Accession#	HOXA4
Gene Name	HOXA4
Gene Alias	HOX1, HOX1D
Gene Description	homeobox A4
Omim ID	142953
Gene Ontology	Hyperlink
Gene Summary	In vertebrates, the genes encoding the class of transcription factors called homeobox genes are found in clusters named A, B, C, and D on four separate chromosomes. Expression of these proteins is spatially and temporally regulated during embryonic development. This gene is part of the A cluster on chromosome 7 and encodes a DNA-binding transcription factor which may regulate gene expression, morphogenesis, and differentiation. [provided by RefSeq]
Other Designations	Dfd-like protein Hox-1.4-like protein homeo box A4 homeobox protein HOX-A4

Disease

- [Hypospadias](#)