HOXD13 rabbit monoclonal antibody

Catalog # H00003239-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human HOXD13 peptide using ARM Technology.
Immunogen	A synthetic peptide of human HOXD13 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 HOXD13 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 in cluding $F(ab)_2$, IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

  Protocol Download

- ELISA

Gene Info — HOXD13

Entrez GeneID	3239
GeneBank Accession#	HOXD13
Gene Name	HOXD13
Gene Alias	BDE, BDSD, HOX4I, SPD
Gene Description	homeobox D13
Omim ID	113200 113300 142989 186000 186300 610713
Gene Ontology	Hyperlink
Gene Summary	This gene belongs to the homeobox family of genes. The homeobox genes encode a highly conserved family of transcription factors that play an important role in morphogenesis in all multicellular organisms. Mammals possess four similar homeobox gene clusters, HOXA, HOXB, HOXC and HOXD, located on different chromosomes, consisting of 9 to 11 genes arranged in tandem. This gene is one of several homeobox HOXD genes located in a cluster on chromosome 2. Deletions that remove the entire HOXD gene cluster or the 5' end of this cluster have been associated with severe limb and genital abnormalities. Mutations in this particular gene cause synpolydactyly. [provided by RefSeq
Other Designations	homeo box 4I|homeo box D13

Disease

- Alzheimer disease
- Autistic Disorder
- Cardiovascular Diseases
- Clubfoot
- Cryptorchidism
- Diabetes Complications
- Genetic Predisposition to Disease
- Metabolic Syndrome X

- Neoplasms
- Osteoporosis