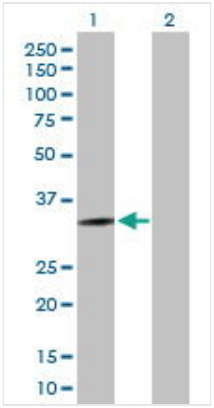
HOXD13 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	HOXD13, Polyclonal Antibody
Full Product Name	HOXD13 (Homeobox Protein Hox-D13, Homeobox Protein Hox-4I, HOX4I) (PE)
Product Gene Name	anti-HOXD13 antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with R-Phycoerythrin (PE).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human HOXD13.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amo
Immunogen	Full length human HOXD13, aa1-343 (AAI48864.1).
Immunogen Sequence	MSRAGSWDMDGLRADGGGAGGAPASSSSSSVAAAAASGQCRGFLSAPVFAGTHSGRAAAAAAAAAAAAAAAASGFAYPGTSERTGSSSSSSSSAVVAA
Conjugate	PE
Note	Preservative Free
Product Categories/Family for anti-HOXD13 antibody	Antibodies; Transcription Factors; Homeobox (HOX)
Applications Tested/Suitable for anti-HOXD13 antibody	Western Blot (WB)
Application Notes for anti-HOXD13 antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-HOXD13 antibody	HOXD13 (homeobox protein D13) belongs to a class of transcription factors called homeobox proteins. In vertebrates, homeobox are found in clusters Mutations in the HOXD13 gene cause synpolydactyly.
Other Notes	Small volumes of anti-HOXD13 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If nece
Searchable Terms for HOXD13 purchase	MBS6381627 is an antibody targeting HOXD13. Also known as HOXD13 (Homeobox Protein Hox-D13, Homeobox Protein Hox-4I, HOX4I) (PE). React



Western Blot (WB) of anti-HOXD13 antibody
Western Blot analysis of HOXD13 expression in transfected 293T cell line by HOXD13 polyclonal antibody. Lane 1: HOXD13 transfected lysate (37.73kD). Lane 2: Non-transfected lysate.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for HOXD13. It may not necessarily be applicable to this product.

NCBI GI #	151556597
NCBI GeneID	3239
NCBI Accession #	BC148863
NCBI Related Accession #	AAI48864.1
UniProt Related Accession #	P35453
NCBI Official Full Name	Synthetic construct Homo sapiens clone IMAGE:100015923, MGC:183217 homeobox D13 (HOXD13) mRNA, encodes complete protein
NCBI Official Synonym Full Names	homeobox D13
NCBI Official Symbol	HOXD13
NCBI Official Synonym Symbols	BDE; SPD; BDSD; SPD1; HOX4I
Protein Family	Homeobox protein
NCBI Protein Information	homeobox protein Hox-D13
NCBI Summary for HOXD13	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, Jul 2008]
Research Articles on HOXD13	**1.** a heterozygous nonsense mutation in the HOXD13 gene was newly identified in two patients with mild phenotypes of synpolydactyly.
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