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Product datasheet for TA800817

HOXD10 Mouse Monoclonal Antibody [Clone ID: OTI1F7]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI1F7
Applications:	WB
Recommend Dilution:	WB 1:2000
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 80-340 of human HOXD10 (NP_002139) produced in E.coli.
Formulation:	PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Predicted Protein Size:	38.2 kDa
Gene Name:	homeobox D10
Database Link:	NP_002139 Entrez Gene 3236 Human
Background:	This gene is a member of the Abd-B homeobox family and encodes a protein with a homeobox DNA-binding domain. It is included in a cluster of homeobox D genes located on chromosome 2. The encoded nuclear protein functions as a sequence-specific transcription factor that is expressed in the developing limb buds and is involved in differentiation and limb development. Mutations in this gene have been associated with Wilm's tumor and congenital vertical talus (also known as 'rocker-bottom foot' deformity or congenital convex pes valgus) and/or a foot deformity resembling that seen in Charcot-Marie-Tooth disease. [provided by RefSeq, Jul
Synonyms:	Hox-4.4; HOX4; HOX4D; HOX4E
Protein Families:	Druggable Genome, Transcription Factors

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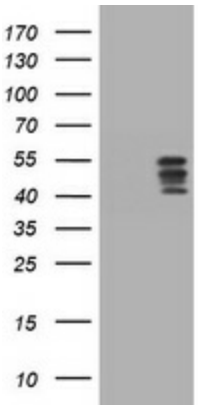
Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY HOXD10 ([RC210208], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-HOXD10. Positive lysates [LY419501] (100ug) and [LC419501] (20ug) can be purchased separately from OriGene.