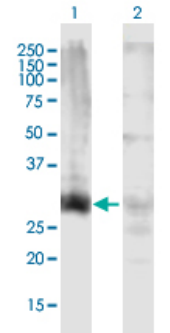
MaxPab®

HOXD13 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00003239-B01P Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of HOXD13 expression in transfected 293T cell line (H00003239-T01) by HOXD13 MaxPab polyclonal antibody.

Lane 1: HOXD13 transfected lysate(37.73 KDa).
Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human HOXD13 protein.
Immunogen	HOXD13 (AAI48864.1, 1 a.a. ~ 343 a.a) full-length human protein.
Sequence	MSRAGSWDMDGLRADGGGAGGAPASSSSSSVAAAAASGQCRGFLSAPVFAGTHSGRAAAAA AAAAAAAAAASGFAYPGTSERTGSSSSSSSSAVVAARPEAPPAKECPAPTPAAAAAAPPSAPA LGYGYHFGNGYYSCRMSHGVGLQQNALKSSPHASLGGFPVEKYMDVSGLASSSVPANEVPARA KEVSFYQGYTSPYQHVPGYIDMVSTFGSGEPRHEAYISMEGYQSWTLANGWNSQVYCTKDQPQG SHFWKSSFPGDVALNQPDMCVYRRGRKKRVPYTKLQLKELENEYAINKFINKDKRRRISAATNLS ERQVTIWFQNRRVKDKKIVSKLKDTVS
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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  Protocol Download

Gene Info — HOXD13

Entrez GeneID	3239
GeneBank Accession#	BC148863
Protein Accession#	AAI48864.1
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