

Product datasheet for **AP52087PU-N**

HOXD13 (Center) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	ELISA: 1/1000. Western Blot: 1/1000
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 202-230 amino acids from the Central region of human HOXD13 / HOX4I
Specificity:	This antibody recognizes Human and Mouse HOXD13 / HOX4I (C-term).
Formulation:	PBS containing 0.09% (W/V) Sodium Azide as preservative State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Protein A column, followed by peptide affinity purification
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	homeobox D13
Database Link:	Entrez Gene 15433 Mouse Entrez Gene 3239 Human P35453



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Background:

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.

Synonyms:

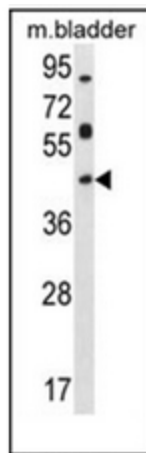
Homeobox protein Hox-D13, Hox-4l

Note:

Molecular Weight: 36101 Da

Protein Families:

Druggable Genome

Product images:

Western blot analysis of HOXD13 / HOX4l Antibody (Center) in mouse bladder tissue lysates (35ug/lane). This demonstrates the HOXD13 antibody detected the HOXD13 protein (arrow).