

Product datasheet for **AP52088PU-N**

HOXD4 (C-term) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	ELISA: 1/1000. Western Blot: 1/100-1/500.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 194-223 amino acids from the C-terminal region of human HOXD4 / HOX4B
Specificity:	This antibody recognizes Human HOXD4 / HOX4B (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 D4
Database Link:	Entrez Gene 3233 Human P09016



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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 at 2q31-2q37 chromosome regions. Deletions that removed the entire HOXD gene cluster or 5' end of this cluster have been associated with severe limb and genital abnormalities. The protein encoded by this gene may play a role in determining positional values in developing limb buds. Alternatively spliced variants have been described but their full length nature has not been determined.

Synonyms:

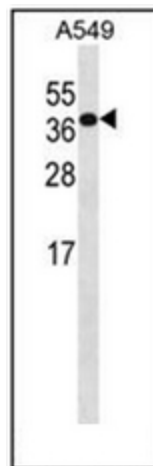
Homeobox protein Hox-D4, Hox-4B, Hox-5.1, HHO.C13

Note:

Molecular Weight: 27885 Da

Protein Families:

Transcription Factors

Product images:

Western blot analysis of HOXD4 / HOX4B Antibody (C-term) in A549 cell line lysates (35ug/lane). This demonstrates the HOXD4 antibody detected the HOXD4 protein (arrow).