

Product datasheet for **TA329717**

HOXD3 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-HOXD3 antibody: synthetic peptide directed towards the middle region of human HOXD3. Synthetic peptide located within the following region: AHKGAELNGSCMRPGTGNSQGGGGGSQPPGLNSEQQPPQPPPPPTLPSS
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	46 kDa
Gene Name:	homeobox D3
Database Link:	NP_008829 Entrez Gene 3232 Human P31249



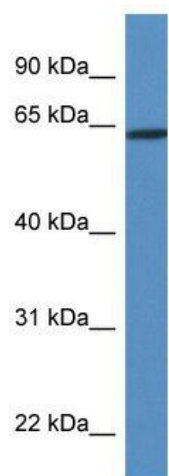
Background: HOXD3 (homeobox D3) belongs to the homeobox family of genes. The homeobox genes encode a highly conserved family of transcription factors that play an important role in morphogenesis in all multicellular organisms. Mammals possess four similar homeobox gene clusters, HOXA, HOXB, HOXC and 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 remove the entire HOXD gene cluster or 5' end of this cluster have been associated with severe limb and genital abnormalities. HOXD3 may play a role in the regulation of cell adhesion processes.

Synonyms: Hox-4.1; HOXD; HOX4; HOX4A

Note: Immunogen sequence homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Bovine: 100%; Rabbit: 100%; Guinea pig: 100%; Mouse: 92%

Protein Families: Transcription Factors

Product images:



WB Suggested Anti-HOXD3 Antibody Titration:
0.2-1 ug/ml; Positive Control: Jurkat cell lysate