

Product datasheet for **TA367673**

HOXD3 Rabbit Polyclonal Antibody

Product data:

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| Product Type: | Primary Antibodies |
| Applications: | WB |
| Recommended Dilution: | WB: 200-1000 WB positive control: Jurkat, Hela, Hepg2 and A549 cell lysates |
| Reactivity: | Human, Mouse |
| Host: | Rabbit |
| Isotype: | IgG |
| Clonality: | Polyclonal |
| Immunogen: | Synthetic peptide of human HOXD3 |
| Formulation: | pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol |
| Concentration: | lot specific |
| Purification: | Antigen affinity purification |
| Conjugation: | Unconjugated |
| Storage: | Store at -20°C. |
| Stability: | 1 year |
| Predicted Protein Size: | 46 kDa |
| Gene Name: | homeobox D3 |
| Database Link: | Entrez Gene 3232 Human P31249 |



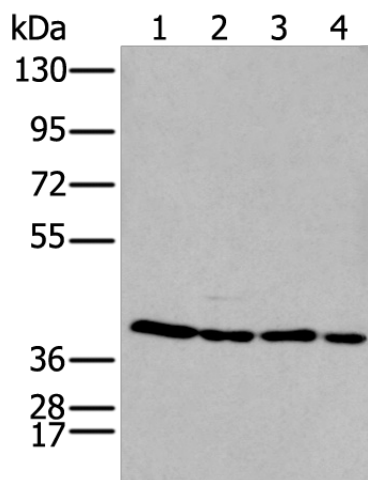
Background:

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 the regulation of cell adhesion processes.

Synonyms:

Hox-4.1; Hox-4A; HOXD; HOX4; HOX4A; MGC10470; OTTHUMP00000205235

Product images:



Gel: 8%SDS-PAGE
 Lysate: 40 µg
 Lane 1-4: Jurkat
 HeLa
 Hepg2 and A549 cell lysates
 Primary antibody: TA367673 (HOXD3 Antibody)
 at dilution 1/200
 Secondary antibody: Goat anti rabbit IgG at
 1/8000 dilution
 Exposure time: 30 seconds