

Product datasheet for **TA371834S**

HOXD3 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 200-1000 WB positive control: HEPG2 cell
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

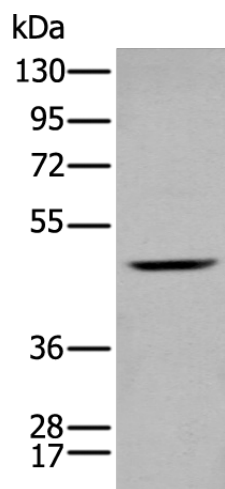


Background:

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.

Synonyms:

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

Product images:


Gel: 8%SDS-PAGE

Lysate: 40 µg

Lane: HEPG2 cell

Primary antibody: [TA371834] (HOXD3

Antibody) at dilution 1/300

Secondary antibody: Goat anti rabbit IgG at

1/8000 dilution

Exposure time: 2 minutes