

## Product datasheet for **TA360123**

### HOXD13 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	The immunogen for Anti-HOXD13 antibody is: synthetic peptide directed towards the N-terminal region of Human HXD13
Specificity:	<b>Expected reactivity:</b> Human
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	37 kDa
Gene Name:	homeobox D13
Database Link:	<a href="#">NP_000514.2</a> <a href="#">Entrez Gene 3239 Human P35453</a>



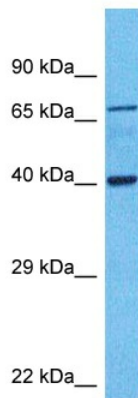
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**Background:**

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:**

BDE; BDSL; Hox-4I; HOX4I; SPD

**Product images:**

Host: Rabbit  
Target Name: HXD13  
Sample Tissue: Fetal Liver Lysate  
Antibody Dilution: 1.0 $\mu$ g/ml

WB Suggested Anti-HXD13 antibody Titration: 1 ug/mL  
Sample Type: Human Fetal Liver