

## Product datasheet for **AP52083PU-N**

### **HOXD1 (N-term) Rabbit Polyclonal Antibody**

#### **Product data:**

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	<b>ELISA:</b> 1/1000. <b>Western Blot:</b> 1/100-1/500.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 13-43 amino acids from the N-terminal region of Human HOXD1 / HOX4G
Specificity:	This antibody recognizes Human HOXD1 / HOX4G (N-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 D1
Database Link:	<a href="#">Entrez Gene 3231 Human Q9GZZ0</a>
Background:	HOXD1 is a member of the Antp homeobox family and encodes a protein with a homeobox DNA-binding domain. This nuclear protein functions as a sequence-specific transcription factor that is involved in differentiation and limb development. Mutations in this gene have been associated with severe developmental defects on the anterior-posterior (a-p) limb axis
Synonyms:	HOX4, Homeobox protein Hox-D1, Hox-GG

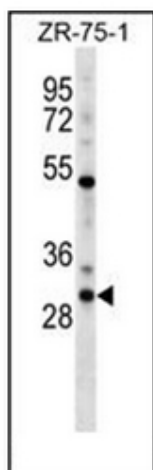


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Note: **Molecular Weight:** 34093 Da

Protein Families: Transcription Factors

**Product images:**



Western blot analysis of HOXD1 / HOX4G Antibody (N-term) in ZR-75-1 cell line lysates (35ug/lane). This demonstrates the HOXD1 antibody detected the HOXD1 protein (arrow).