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### Product Information

<b>Product SKU:</b>	CAB16879	<b>Gene ID:</b>	3235	<b>Size:</b>	20uL, 100uL
<b>Clone No:</b>	-	<b>Host Species:</b>	Rabbit	<b>Reactivity:</b>	Human

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### Additional Information

<b>Observed MW:</b>	42kDa	<b>Conjugate:</b>	-
<b>Calculated MW:</b>	36kDa	<b>Isotype:</b>	IgG

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### Immunogen Information

**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 exact role of this gene has not been determined.

**Recommended Dilution:** WB,1:500 - 1:1000

**Synonyms:** HOX4; HOX4C; Hox-4.3; Hox-5.2; HOXD9

**Purification Method:** Affinity purification

**Immunogen:** A synthetic peptide corresponding to a sequence within amino acids 100-200 of human HOXD9 (NP\_055028.3).

**Storage:** Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.