



HXD9 Polyclonal Antibody

Catalog No	YP-Ab-05661
Isotype	IgG
Reactivity	Human;Rat;Mouse
Applications	WB;ELISA
Gene Name	HOXD9 HOX4C
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	HXD9 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	homeobox D9;Homeobox protein Hox 4C;Homeobox protein Hox 5.2;Homeobox protein Hox D9;Hox 4.3;Hox 5.2;HOX4;HOX4C;HOXD9;HXD9;HOXD9 HOX4C;Homeobox protein Hox-D9 (Homeobox protein Hox-4C) (Homeobox protein Hox-5.2)
Observed Band	38kD
Calculated Molecular Weight	38kD
Cell Pathway	Nucleus.
Tissue Specificity	Colon,Spinal cord,
Function	developmental stage:Expressed in the developing limb buds.,function:Sequence-specific transcription factor which is part of a developmental regulatory system that provides cells with specific positional identities on the anterior-posterior axis.,similarity:Belongs to the Abd-B homeobox family.,similarity:Contains 1 homeobox DNA-binding domain.,
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. [provided by RefSeq, Jul 2008],

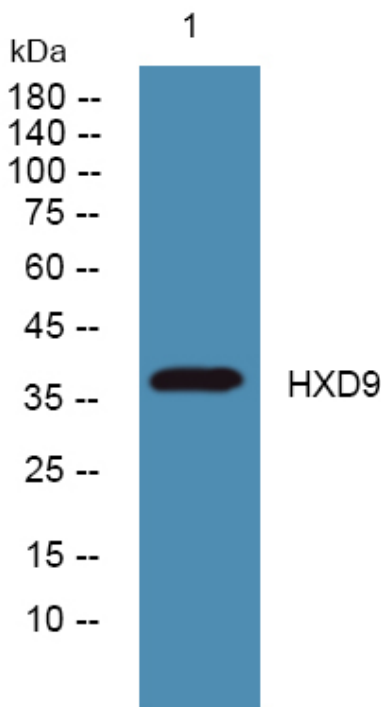
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western blot analysis of lysates from PC12 cells, primary antibody was diluted at 1:1000, 4° over night