

HOXD13 Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP11224C**Specification**

HOXD13 Antibody (Center) - Product Information

Application	WB,E
Primary Accession	P35453
Other Accession	P70217 , NP_000514
Reactivity	Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	36101
Antigen Region	202-230

HOXD13 Antibody (Center) - Additional Information**Gene ID** 3239**Other Names**

Homeobox protein Hox-D13, Homeobox protein Hox-4l, HOXD13, HOX4l

Target/Specificity

This HOXD13 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 202-230 amino acids from the Central region of human HOXD13.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

HOXD13 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

HOXD13 Antibody (Center) - Protein Information**Name** HOXD13**Synonyms** HOX4l

Function Sequence-specific transcription factor that binds gene promoters and activates their transcription (PubMed:[24789103](#)). Part of a developmental regulatory system that provides cells with specific positional identities on the anterior-posterior axis (By similarity).

Cellular Location

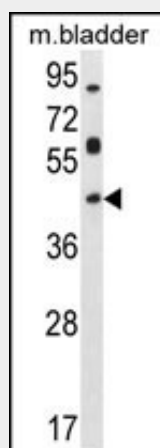
Nucleus.

HOXD13 Antibody (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

HOXD13 Antibody (Center) - Images



HOXD13 Antibody (Center) (Cat. #AP11224c) western blot analysis in mouse bladder tissue lysates (35ug/lane). This demonstrates the HOXD13 antibody detected the HOXD13 protein (arrow).

HOXD13 Antibody (Center) - 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 syndactyly.

HOXD13 Antibody (Center) - References

Sugie, Y., et al. Brain Dev. 32(5):356-361(2010)
Yerges, L.M., et al. J. Bone Miner. Res. 24(12):2039-2049(2009)
Salsi, V., et al. Mol. Cell. Biol. 29(21):5775-5788(2009)
Cantile, M., et al. Int. J. Cancer 125(7):1532-1541(2009)
Wajid, M., et al. Clin. Genet. 76(3):300-302(2009)