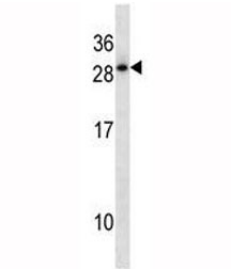
HOXD12 Antibody (F40055)

Catalog No.	Formulation	Size
F40055-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F40055-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	B5MCD3
Applications	Western blot: 1:1000
Limitations	This HOXD12 antibody is available for research use only.



HOXD12 antibody western blot analysis in A549 lysate. Predicted molecular weight: ~29kDa.

Description

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

Application Notes

Titration of the HOXD12 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 211-237 from the human protein was used as the immunogen for this HOXD12 antibody.

Storage

Aliquot the HOXD12 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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