

HOXD12 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP20090b**Specification**

HOXD12 Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	B5MCD3
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	25225
Antigen Region	211-237

HOXD12 Antibody (C-term) - Additional Information**Other Names**

Homeobox D12, isoform CRA_a;HOXD12

Target/Specificity

This HOXD12 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 211-237 amino acids from the C-terminal region of human HOXD12.

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

HOXD12 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

HOXD12 Antibody (C-term) - Protein Information

Name B5MCD3

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.

Cellular Location

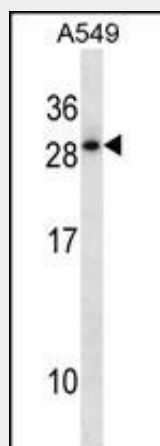
Nucleus {ECO:0000256|ARBA:ARBA00004123}.

HOXD12 Antibody (C-term) - 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](#)

HOXD12 Antibody (C-term) - Images



HOXD12 Antibody (C-term) (Cat. #AP20090b) western blot analysis in A549 cell line lysates (35ug/lane). This demonstrates the HOXD12 antibody detected the HOXD12 protein (arrow).

HOXD12 Antibody (C-term) - 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. The exact role of this gene has not been determined.