

# HOXD3 Rabbit Polyclonal Antibody



CAB15279

## Product Information

### Size:

20uL, 50uL, 100uL, 200uL

### Observed MW:

55kDa

### Calculated MW:

45kDa

### Applications:

WB

### Reactivity:

Mouse, Rat

## Antibody Information

### Recommended dilutions:

WB 1:200 - 1:2000

### Source:

Rabbit

### Isotype:

IgG

### Purification:

Affinity purification

## Protein 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 protein encoded by this gene may play a role in the regulation of cell adhesion processes.

## Immunogen information

### Gene ID:

3232

### Uniprot

P31249

### Synonyms:

HOXD3; HOX1D; HOX4; HOX4A; Hox-4.1

### Immunogen:

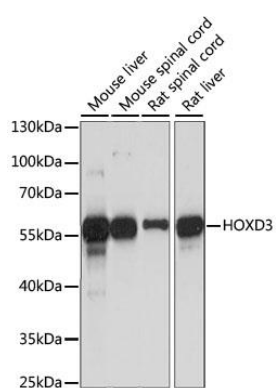
Recombinant fusion protein containing a sequence corresponding to amino acids 263-432 of human HOXD3 (NP\_008829.3).

### Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Product Images

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Western blot analysis of extracts of various cell lines, using HOXD3 antibody (CAB15279) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 90S.