

HOXD11 Antibody

Catalog No: #36925

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

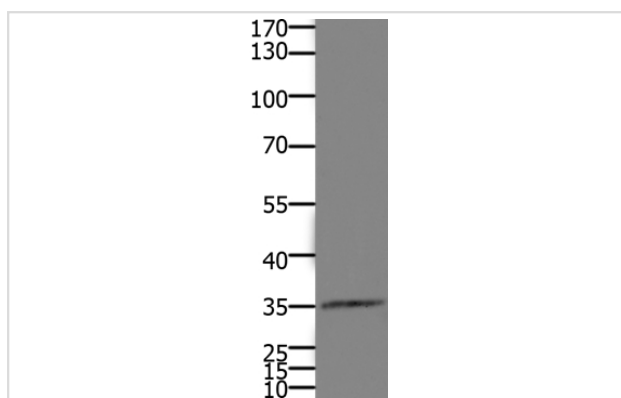
Description

Product Name	HOXD11 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total HOXD11 protein.
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human homeobox D11
Target Name	HOXD11
Other Names	Hox-4.6; Hoxd-11
Accession No.	Swiss-Prot#: P31277NCBI Gene ID: 3237Gene Accssion: NP_067015
Uniprot	P31277
GeneID	3237;
SDS-PAGE MW	34kd
Concentration	2.2mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:1000-1:3000

Images



Gel: 12%+10%SDS-PAGE
 Lysates (from left to right): Mouse kidney tissue
 Amount of lysate: 30ug per lane
 Primary antibody: 1/1100 dilution
 Secondary antibody dilution: 1/8000
 Exposure time: 60 seconds

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 product of the mouse Hoxd11 gene plays a role in forelimb morphogenesis.?

Note: This product is for in vitro research use only