

HoxB5 Polyclonal Antibody

Catalog No :	YT2216
Reactivity :	Human;Mouse
Applications :	WB;ELISA
Target :	HoxB5
Gene Name :	HOXB5
Protein Name :	Homeobox protein Hox-B5
Human Gene Id :	3215
Human Swiss Prot No :	P09067
Mouse Gene Id :	15413
Mouse Swiss Prot No :	P09079
Immunogen :	The antiserum was produced against synthesized peptide derived from human HoxB5. AA range:150-199
Specificity :	HoxB5 Polyclonal Antibody detects endogenous levels of HoxB5 protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500 - 1:2000. ELISA: 1:10000. Not yet tested in other applications.
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band : 29kD

Background : This gene is a member of the Antp homeobox family and encodes a nuclear protein with a homeobox DNA-binding domain. It is included in a cluster of homeobox B genes located on chromosome 17. The encoded protein functions as a sequence-specific transcription factor that is involved in lung and gut development. Increased expression of this gene is associated with a distinct biologic subset of acute myeloid leukemia (AML) and the occurrence of bronchopulmonary sequestration (BPS) and congenital cystic adenomatoid malformation (CCAM) tissue. [provided by RefSeq, Jul 2008],

Function : developmental stage:Embryo.,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.,similarity:Belongs to the Antp homeobox family.,similarity:Contains 1 homeobox DNA-binding domain.,tissue specificity:Spinal cord.,

Subcellular Location : Nucleus.

Expression : Spinal cord.

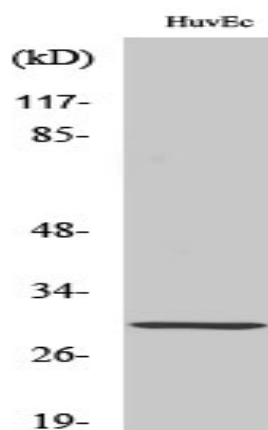
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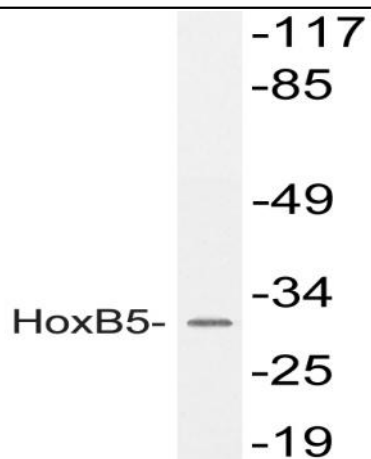
Host : Rabbit

Modifications : Unmodified

Products Images



Western Blot analysis of various cells using HoxB5 Polyclonal Antibody cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Inventbiotech, MN, USA).



Western blot analysis of lysate from HUVEC cells, using HoxB5 antibody.