

HoxB4 Polyclonal Antibody

Catalog No :	YT2215
Reactivity :	Human;Mouse
Applications :	WB;ELISA
Target :	HoxB4
Gene Name :	HOXB4
Protein Name :	Homeobox protein Hox-B4
Human Gene Id :	3214
Human Swiss Prot No :	P17483
Mouse Gene Id :	15412
Mouse Swiss Prot No :	P10284
Immunogen :	The antiserum was produced against synthesized peptide derived from human HoxB4. AA range:86-135
Specificity :	HoxB4 Polyclonal Antibody detects endogenous levels of HoxB4 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 : 34kD

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 development. Intracellular or ectopic expression of this protein expands hematopoietic stem and progenitor cells in vivo and in vitro, making it a potential candidate for therapeutic stem cell expansion. [provided by RefSeq, Jul 2008],

Function : developmental stage:Expressed in whole embryos and fetuses at 5-9 weeks from conception.,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. Deformed subfamily.,similarity:Contains 1 homeobox DNA-binding domain.,

Subcellular Location : Nucleus.

Expression : Placenta,Testis,Uterus,

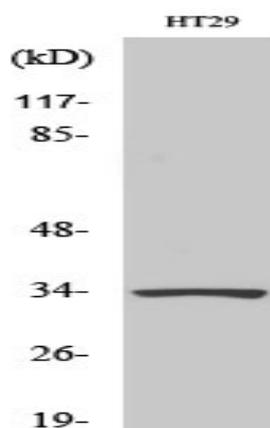
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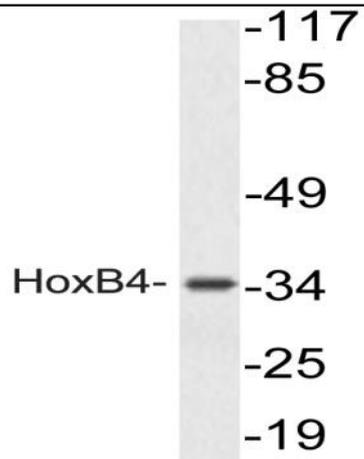
Host : Rabbit

Modifications : Unmodified

Products Images



Western Blot analysis of various cells using HoxB4 Polyclonal Antibody diluted at 1:1000 cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Invent biotech, MN, USA).



Western blot analysis of lysate from HT29 cells, using HoxB4 antibody.