

HoxB4 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP04191
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human HoxB4. AA range:86-135
Mol wt	27604
Species reactivity	Human, Mouse
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	HoxB4 Antibody
Synonyms	HOXB4; HOX2F; Homeobox protein Hox-B4; Homeobox protein Hox-2.6; Homeobox protein Hox-2F

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

HOXB4 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. Homeobox protein Hox-B4 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.

Recommended Dilution

WB: 1: 500 - 1: 2000

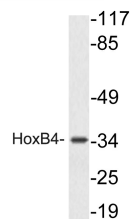
ELISA: 1: 10000

Not yet tested in other applications.

Images



Western Blot analysis of various cells using HoxB4 Polyclonal Antibody diluted at 1:1000 cells nucleus.



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

Storage

-20°C for one year

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