

# HOXB4 Antibody (Center)

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP22195c

## Product Information

---

<b>Application</b>	WB, E
<b>Primary Accession</b>	<a href="#">P17483</a>
<b>Other Accession</b>	<a href="#">Q08DG5</a> , <a href="#">P10284</a>
<b>Reactivity</b>	Human, Mouse
<b>Predicted</b>	Bovine, Mouse
<b>Host</b>	Rabbit
<b>Clonality</b>	polyclonal
<b>Isotype</b>	Rabbit IgG
<b>Clone Names</b>	RB56352
<b>Calculated MW</b>	27604

## Additional Information

---

<b>Gene ID</b>	3214
<b>Other Names</b>	Homeobox protein Hox-B4, Homeobox protein Hox-2.6, Homeobox protein Hox-2F, HOXB4, HOX2F
<b>Target/Specificity</b>	This HOXB4 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 138-171 amino acids from the Central region of human HOXB4.
<b>Dilution</b>	WB~~1:2000 E~~Use at an assay dependent concentration.
<b>Format</b>	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Precautions</b>	HOXB4 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

---

<b>Name</b>	HOXB4
<b>Synonyms</b>	HOX2F
<b>Function</b>	Sequence-specific transcription factor which is part of a developmental

regulatory system that provides cells with specific positional identities on the anterior-posterior axis.

#### Cellular Location

Nucleus.

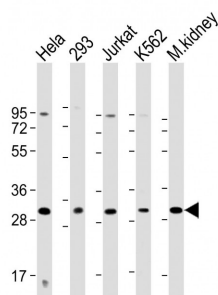
## Background

Sequence-specific transcription factor which is part of a developmental regulatory system that provides cells with specific positional identities on the anterior-posterior axis.

## References

Peverali F.A.,et al.Differentiation 45:61-69(1990).  
Kidd K.K.,et al.Am. J. Hum. Genet. 67:235-235(2000).  
Giannola D.M.,et al.J. Exp. Med. 192:1479-1490(2000).  
Bechtel S.,et al.BMC Genomics 8:399-399(2007).  
Giampaolo A.,et al.Differentiation 40:191-197(1989).

## Images



All lanes : Anti-HOXB4 Antibody (Center) at 1:2000 dilution  
Lane 1: HeLa whole cell lysate  
Lane 2: 293 whole cell lysate  
Lane 3: Jurkat whole cell lysate  
Lane 4: K562 whole cell lysate  
Lane 5: mouse kidney lysate  
Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 28 kDa  
Blocking/Dilution buffer: 5% NFDM/TBST.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.