



[Go to Product page](#)

Datasheet for ABIN702115  
**anti-HOXB4 antibody (AA 151-251)**

1 Image

Overview

Quantity:	100 µL
Target:	HOXB4
Binding Specificity:	AA 151-251
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HOXB4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human HOXB4
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Predicted Reactivity:	Dog, Sheep, Pig, Chicken
Purification:	Purified by Protein A.

Target Details

Target:	HOXB4
---------	-------

## Target Details

---

Alternative Name:	HOXB4 ( <a href="#">HOXB4 Products</a> )
Background:	<p>Synonyms: Homeo box 2F, Homeo box B4, Homeobox 2F, Homeobox B4, Homeobox protein Hox B4, Homeobox protein HoxB4, HOX 2, Hox 2.6, Hox 2F, HOX B4, HOX2, HOX-2 Hox2.6, Hox2F, HOXB 4, HOXB-4.</p> <p>Background: HOXB4 is a homeodomain-containing transcription factor with diverse roles in embryonic development and the regulation of adult stem cells. It promotes proliferation of hematopoietic stem cells and can both activate and repress apoptosis.</p>
Gene ID:	3214
UniProt:	<a href="#">P17483</a>

## Application Details

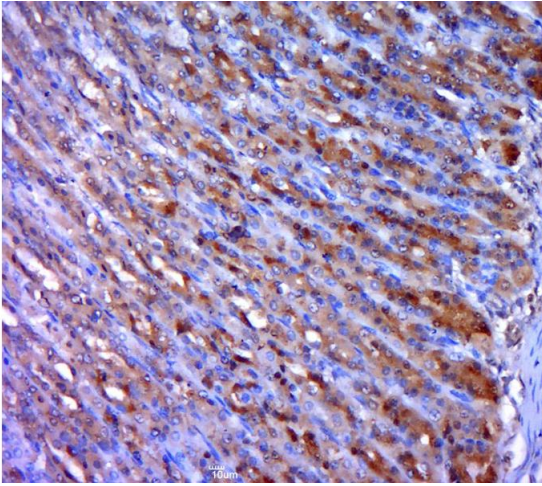
---

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 FCM 1:20-100 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

## Handling

---

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months



### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Paraformaldehyde-fixed, paraffin embedded rat stomach; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with HOXB4 Polyclonal Antibody, Unconjugated (bs-3650R) at 1:400 overnight at 4°C, followed by a conjugated secondary for 20 minutes and DAB staining.