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# Datasheet for ABIN1391965 anti-FOXB1 antibody (AA 1-100) (Biotin)



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Quantity:	100 µL
Target:	FOXB1
Binding Specificity:	AA 1-100
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FOXB1 antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human FOXB1
lsotype:	IgG
Cross-Reactivity:	Rat
Predicted Reactivity:	Human,Mouse,Cow,Sheep,Chicken
Purification:	Purified by Protein A.
Target Details	
Target:	FOXB1
Alternative Name:	FOXB1 (FOXB1 Products)

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### Target Details

# Background:Synonyms: FKH 5, FKH5, Forkhead box B1, Forkhead box protein B1, FOX B1, FOXB 1, HFKH 5,<br/>Transcription factor FKH 5, Transcription factor FKH5, FOXB1\_HUMAN.<br/>Background: The Forkhead-box (FOX) genes comprise a superfamily of at least 43 members<br/>that encode proteins which are involved in transcriptional regulation and may be associated<br/>with the pathogenesis of various cancers. FOXB1 (forkhead box B1), also known as FKH5 or<br/>HFKH-5, and FOXB2 (forkhead box B2) are members of the FOX family and each contain one<br/>forkhead DNA-binding domain. Both FOXB1 and FOXB2 localize to the nucleus where they are<br/>thought to function as transcription factors that can bind to DNA via their forkhead domains. In<br/>mice, defects in the gene encoding FOXB1 are associated with retarded development of the<br/>central nervous system (CNS), suggesting that FOXB1 may play a role in CNS organization and<br/>function.

### **Application Details**

Application Notes:	WB 1:300-5000
	IHC-P 1:200-400
	IHC-F 1:100-500
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 μg/μL
Buffer:	Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % 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:	-20 °C
Storage Comment:	Store at -20°C for 12 months.
Expiry Date:	12 months

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