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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,
Transcription factor FKH 5, Transcription factor FKH5, FOXB1_HUMAN.
Background: The Forkhead-box (FOX) genes comprise a superfamily of at least 43 members
that encode proteins which are involved in transcriptional regulation and may be associated
with the pathogenesis of various cancers. FOXB1 (forkhead box B1), also known as FKH5 or
HFKH-5, and FOXB2 (forkhead box B2) are members of the FOX family and each contain one
forkhead DNA-binding domain. Both FOXB1 and FOXB2 localize to the nucleus where they are
thought to function as transcription factors that can bind to DNA via their forkhead domains. In
mice, defects in the gene encoding FOXB1 are associated with retarded development of the
central nervous system (CNS), suggesting that FOXB1 may play a role in CNS organization and
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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