

Datasheet for ABIN7126396
anti-FOXL1 antibody (AA 104-258)



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Overview

Quantity:	100 µg
Target:	FOXL1
Binding Specificity:	AA 104-258
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This FOXL1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Flow Cytometry (FACS), Immunohistochemistry (Formalin-fixed Sections) (IHC (f)), Immunoprecipitation (IP)

Product Details

Immunogen:	Recombinant fragment (around aa104-258) of human FOXL1 protein (exact sequence is proprietary)
Isotype:	IgG1
Specificity:	FOXL1 is a 337 amino acid protein encoded by the mouse gene FOXL1. FOXL1 belongs to the forkhead family and contains one forkhead DNA-binding domain. The HNF3/forkhead family includes a large number of transcription factors that share a structurally related DNA binding domain. forkhead factors are known to play important roles both during development and in adults. FOXL1 is a winged helix transcriptional regulator expressed in the mesenchymal layer of developing and mature gastrointestinal tract. FOXL1-deficient mice exhibit various defects not only in the epithelial layer of the gastrointestinal tract but also in gut-associated lymphoid tissues. In the small intestine of FOXL1-deficient mice, the formation of Peyer's patches is

Product Details

affected, particularly in the caudal region. FOXL1 is a mesenchymal modifier of the Adenomatous Polyposis Coli (APC) gene products and plays a key role in gastrointestinal tumorigenesis.

Cross-Reactivity (Details): Human. Predicted to react in Rat.

Purification: 1.0mg/ml of Ab purified from Bioreactor by Protein A/G.

Target Details

Target:	FOXL1
Alternative Name:	FOXL1 (FOXL1 Products)
Background:	FKHL10, FREAC6, JFJ-3, FKH6, FKH11, Forkhead box protein L1, Forkhead related transcription factor, FREAC7,FOXL1 / Forkhead Box Protein L1 (Transcription Factor) Cellular localisation: Nucleus.
Molecular Weight:	36-41kDa
Gene ID:	2299, 87236
UniProt:	Q12951

Application Details

Application Notes:	Known_Application: Immunoprecipitation (1-2 µg per 100-500 µg of total protein), Flow Cytometry (1-2 µg/million cells), Immunofluorescence (1-2 µg/mL), Western Blot (1-2 µg/mL), Immunohistochemistry (Formalin-fixed) (1-2 µg/mL for 30 minutes at RT),(Staining of formalin-fixed tissues requires heating tissue sections in 10 mM Tris with 1 mM EDTA, pH 9.0, for 45 min at 95 °C followed by cooling at RT for 20 minutes),Optimal dilution for a specific application should be determined. Positive_Control: HeLa or U87 cells. Ubiquitous tissue expression.
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Restrictions: For Research Use only

Handling

Concentration:	1.0 mg/mL
Buffer:	Prepared in 10 mM PBS, WITHOUT BSA and Azide.
Preservative:	Azide free
Storage:	-20 °C,-80 °C

Handling

Storage Comment:	Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous.
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Expiry Date:	24 months
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