Anti-FOXB1 antibody

Cat. No.	ml160345
Package	25 μl/100 μl/200 μl
Storage	-20°C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol

Product overview

Description	Anti-FOXB1 rabbit polyclonal antibody
Applications	ELISA, IHC
Immunogen	Synthetic peptide of human FOXB1
Reactivity	Human, Mouse
Content	0.2 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	FOXB1
Full name	forkhead box B1
Synonyms	FKH5; HFKH-5
Swissprot	Q99853

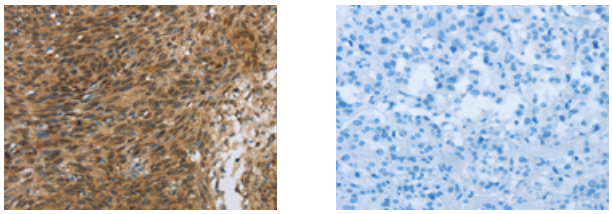
Target Background

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.

Applications

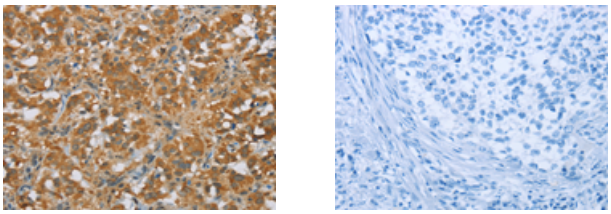
Immunohistochemistry

Predicted cell location: Nucleus
Positive control: Human cervical cancer
Recommended dilution: 50-200



The image on the left is immunohistochemistry of paraffin-embedded Human cervical cancer tissue using ml160345(FOXB1 Antibody) at dilution 1/30, on the right is treated with synthetic peptide. (Original magnification: ×200)

Predicted cell location: Nucleus
Positive control: Human thyroid cancer
Recommended dilution: 50-200



The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using ml160345(FOXB1 Antibody) at dilution 1/30, on the right is treated with synthetic peptide. (Original magnification: ×200)

ELISA

Recommended dilution: 2000-5000

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