

# FOXB1 antibody - C-terminal region

Rabbit Polyclonal Antibody

Catalog # AI10898

## Product Information

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<b>Application</b>	WB
<b>Primary Accession</b>	<a href="#">Q99853</a>
<b>Other Accession</b>	<a href="#">NM_012182</a> , <a href="#">NP_036314</a>
<b>Reactivity</b>	Human, Mouse, Rat, Dog, Horse, Bovine
<b>Predicted</b>	Mouse
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	34978

## Additional Information

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<b>Gene ID</b>	27023
<b>Alias Symbol</b>	FKH5, HFKH-5
<b>Other Names</b>	Forkhead box protein B1, Transcription factor FKH-5, FOXB1, FKH5
<b>Format</b>	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
<b>Reconstitution &amp; Storage</b>	Add 50 ul of distilled water. Final anti-FOXB1 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
<b>Precautions</b>	FOXB1 antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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<b>Name</b>	FOXB1
<b>Synonyms</b>	FKH5
<b>Function</b>	Transcription factor expressed by neural progenitor cells in specific regions of the embryonic neuroepithelium. Essential for the mammillary nuclei maintenance. Negatively regulates the proliferation of oligodendrocyte progenitors and promotes oligodendrocyte maturation. Also expressed in mammary glands, plays a role in lactation, controls development of mammary glands and the inferior colliculi of the midbrain in the central nervous system that regulates the milk-ejection reflex.
<b>Cellular Location</b>	Nucleus {ECO:0000250 UniProtKB:Q64732}.

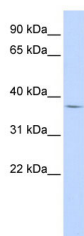
## References

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Kimura,K., (2006) Genome Res. 16 (1), 55-65 Reconstitution and Storage:For short term use, store at 2-8C up to 1 week. For long term storage, store at -20C in small aliquots to prevent freeze-thaw cycles.

## Images

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WB Suggested Anti-FOXB1 Antibody Titration: 0.2-1 µg/ml  
ELISA Titer: 1:312500  
Positive Control: Human heart

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.