

Datasheet for ABIN2776492
anti-FOXB1 antibody (Middle Region)[Go to Product page](#)[1 Image](#)[1 Publication](#)

Overview

Quantity:	100 µL
Target:	FOXB1
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Cow, Horse, Dog, Guinea Pig, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FOXB1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human FOXB1
Sequence:	ALPAPIPTLL SNSPPSLSPT SSQTATSQSS PATPSETLTS PASALHSVAV
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rat: 100%, Zebrafish: 93%
Characteristics:	This is a rabbit polyclonal antibody against FOXB1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	FOXB1
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Target Details

Alternative Name:	FOXB1 (FOXB1 Products)
Background:	<p>FOXB1 is a winged helix/forkhead transcription factor. FOXB1 is specifically expressed in the developing central nervous system (CNS). Early embryonic FOXB1 expression is restricted to the mammillary body region of the caudal hypothalamus, midbrain, hindbrain and spinal cord. FOXB1 may play a role in postnatal growth, lactation and CNS development.</p> <p>Alias Symbols: FKH5, HFKH-5</p> <p>Protein Interaction Partner: NOTCH2NL, KRTAP10-3, KRTAP10-8, KRT40, TRIM27, KRT31, PHF5A, COPB1,</p> <p>Protein Size: 325</p>
Molecular Weight:	35 kDa
Gene ID:	27023
NCBI Accession:	NM_012182 , NP_036314
UniProt:	Q99853

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 325 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

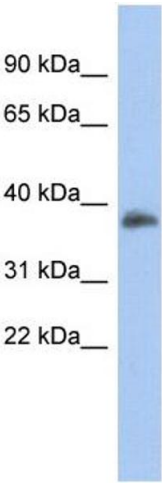
Handling

aliquots to prevent freeze-thaw cycles.

Publications

Product cited in: Mehrle, Rosenfelder, Schupp, del Val, Arlt, Hahne, Bechtel, Simpson, Hofmann, Hide, Glatting, Huber, Pepperkok, Poustka, Wiemann: "The LIFEdb database in 2006." in: **Nucleic acids research**, Vol. 34, Issue Database issue, pp. D415-8, (2005) ([PubMed](#)).

Images



Western Blotting

Image 1. WB Suggested Anti-FOXB1 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: Human Spleen