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## Datasheet for ABIN2780096 anti-DMBX1 antibody (Middle Region)

2 Images



#### Overview

Quantity:	100 µL
Target:	DMBX1
Binding Specificity:	Middle Region
Reactivity:	Human, Rat, Mouse, Guinea Pig, Dog, Rabbit, Cow, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DMBX1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

### Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of mouse DMBX1
Sequence:	LSLSEQSASE SAPEDQLDRE EDSRAEEPKA EKSPGSESKV PGCKRGSPKA
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against DMBX1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified
Target Details	
Target:	DMBX1

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Target Details	
Alternative Name:	DMBX1 (DMBX1 Products)
Background:	<ul> <li>Transcription factors containing a homeodomain play an important role in the organogenesis</li> <li>of vertebrates. Otx3/Dmbx1 is a member of paired class homeodomain transcription factors.</li> <li>Otx3/Dmbx1 represses the Otx2-mediated transactivation in the developing brain by forming</li> <li>heterodimer with Otx2 on the P3C (TAATCCGATTA) sequence in vitro.</li> <li>Alias Symbols: Atx, Mbx, Cdmx, Otx3</li> <li>Protein Interaction Partner: Otx2,</li> <li>Protein Size: 376</li> </ul>
Molecular Weight:	41 kDa
Gene ID:	140477
NCBI Accession:	NM_001025567, NP_001020738
UniProt:	Q91ZK3
Pathways:	Feeding Behaviour

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 376 AA
Restrictions:	For Research Use only

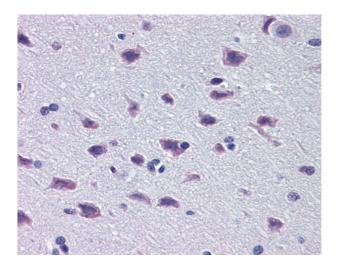
## Handling

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

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#### aliquots to prevent freeze-thaw cycles.

#### Images



# 90 kDa\_\_\_\_ 65 kDa\_\_\_\_ 40 kDa\_\_\_\_ 31 kDa\_\_\_ 22kDa\_\_\_

#### Immunohistochemistry

Image 1.

Western Blotting
Image 2. WB Suggested Anti-DMBX1 Antibody Titration: 0.2-
1 ug/ml ELISA Titer: 1:62500 Positive Control: Human brain

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