

**Mouse Dbx1 Antibody (C-term)**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AW5418****Specification**

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**Mouse Dbx1 Antibody (C-term) - Product Information**

|                   |                                                 |
|-------------------|-------------------------------------------------|
| Application       | WB,E                                            |
| Primary Accession | <a href="#">P52950</a>                          |
| Other Accession   | <a href="#">Q5NSW5</a> , <a href="#">A5PKG8</a> |
| Reactivity        | Mouse, Rat                                      |
| Predicted         | Bovine                                          |
| Host              | Rabbit                                          |
| Clonality         | Polyclonal                                      |
| Calculated MW     | M=36;H=37;R=36 KDa                              |
| Isotype           | Rabbit IgG                                      |
| Antigen Source    | HUMAN                                           |

**Mouse Dbx1 Antibody (C-term) - Additional Information****Gene ID** 13172**Antigen Region**  
261-295**Other Names**

Homeobox protein DBX1, Developing brain homeobox protein 1, Dbx1, Dbx

**Dilution**

WB~~1:1000

**Target/Specificity**

This Mouse Dbx1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 261-295 amino acids from the C-terminal region of Mouse Dbx1.

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

Mouse Dbx1 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**Mouse Dbx1 Antibody (C-term) - Protein Information**

**Name** Dbx1

**Synonyms** Dbx

**Function**

Could have a role in patterning the central nervous system during embryogenesis. Has a key role in regulating the distinct phenotypic features that distinguish two major classes of ventral interneurons, V0 and V1 neurons. Regulates the transcription factor profile, neurotransmitter phenotype, intraspinal migratory path and axonal trajectory of V0 neurons, features that differentiate them from an adjacent set of V1 neurons.

**Cellular Location**

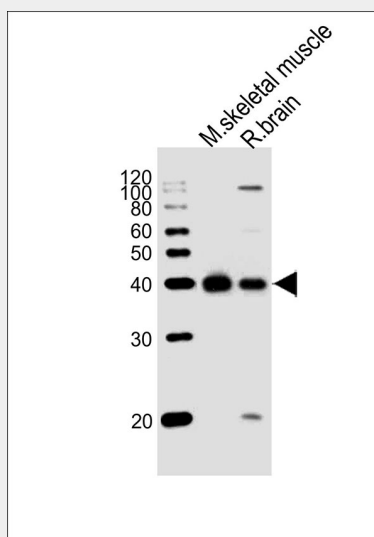
Nucleus.

**Mouse Dbx1 Antibody (C-term) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**Mouse Dbx1 Antibody (C-term) - Images**



All lanes : Anti-Dbx1 Antibody (C-term) at 1:1000 dilution Lane 1: mouse skeletal muscle lysates Lane 2: rat brain lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 36 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

**Mouse Dbx1 Antibody (C-term) - Background**

Could have a role in patterning the central nervous system during embryogenesis. Has a key role

in regulating the distinct phenotypic features that distinguish two major classes of ventral interneurons, V0 and V1 neurons. Regulates the transcription factor profile, neurotransmitter phenotype, intraspinal migratory path and axonal trajectory of V0 neurons, features that differentiate them from an adjacent set of V1 neurons.

#### **Mouse Dbx1 Antibody (C-term) - References**

Lu S.,et al.Mech. Dev. 47:187-195(1994).  
Carninci P.,et al.Science 309:1559-1563(2005).  
Pierani A.,et al.Neuron 29:367-384(2001).