

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

Specification

Mouse Dbx1 Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	P52950
Other Accession	Q5NSW5 , A5PKG8
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

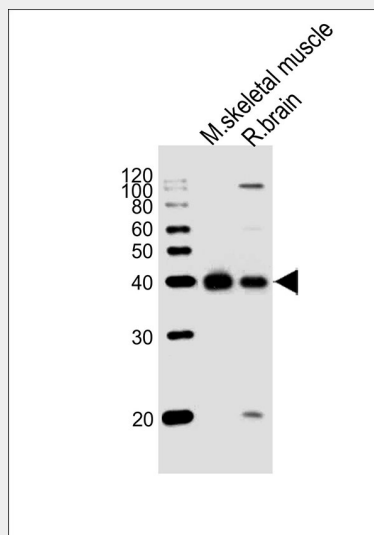
Nucleus.

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% NFDN/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).