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Mouse Dbx1 Antibody (C-term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP20966c

Product Information

Application	WB, E
Primary Accession	P52950
Reactivity	Human, Rat, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB50991
Calculated MW	36334

Additional Information

Gene ID	13172
Other Names	Homeobox protein DBX1, Developing brain homeobox protein 1, Dbx1, Dbx
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.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
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.

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.

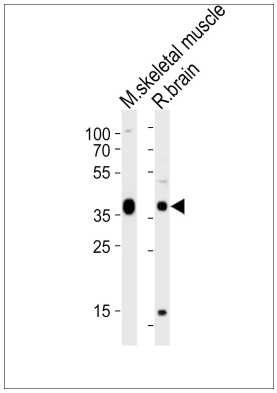
Background

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.

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).

Images



Western blot analysis of lysates from mouse skeletal muscle and rat brain tissue lysate (from left to right), using Mouse Dbx1 Antibody (C-term)(Cat. #AP20966c). AP20966c was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysates at 20ug per lane.