



# DBX1 Monoclonal Antibody

Catalog No	BYmab-05643
Isotype	IgG
Reactivity	Human;Rat;Mouse
Applications	WB
Gene Name	DBX1
Protein Name	Homeobox protein DBX1 (Developing brain homeobox protein 1)
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	DBX1 Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	37kD
Cell Pathway	Nucleus .
Tissue Specificity	
Function	
Background	DBX1 (Developing Brain Homeobox 1) is a Protein Coding gene. Diseases associated with DBX1 include Central Hypoventilation Syndrome, Congenital. 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 (By similarity).

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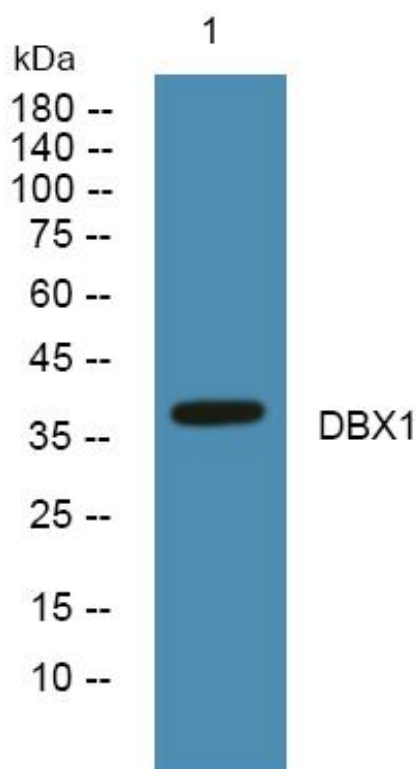
**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images



Western Blot analysis of various cells using DBX1 Monoclonal Antibody