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Rabbit Anti-DBX2 antibody

SL12149R

Product Name:	DBX2
Chinese Name:	脑发育同源蛋白2抗体
Alias:	Dbx 2; developing brain homeobox 2; FLJ16139; hlx3; DBX2_HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Chicken,Dog,Pig,Horse,Sheep,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500（Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	37kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human DBX2:151-250/339
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	DBX2 is a 339 amino acid member of the H2.0 homeobox family. DBX2, which is localized to the nucleus, contains one homeobox DNA-binding domain, a region of 60 amino acids that binds DNA through a helix-turn-helix type of structure. DBX2, which is expressed in the forebrain, midbrain, hindbrain and spinal cord, has been implicated in CNS development.Specifically, DBX2 has been shown to play a role in spinal cord dorsal/ventral patterning, as well as the regionalization of the CNS. DBX2 is also thought to play a role in the production of multiple spinal cord cell types.

Subcellular Location:
Nuclear

Similarity:
Belongs to the H2.0 homeobox family.
Contains 1 homeobox DNA-binding domain.

SWISS:
Q6ZNG2

Gene ID:
440097

Database links:

Entrez Gene: 440097Human

Entrez Gene: 223843Mouse

Entrez Gene: 541457Rat

SwissProt: Q6ZNG2Human

Unigene: 302764Human

Unigene: 152937Mouse

Unigene: 93216Rat

Important Note:
This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.