

Rabbit DBX1 Polyclonal Antibody | anti-DBX1 antibody

DBX1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA39915	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

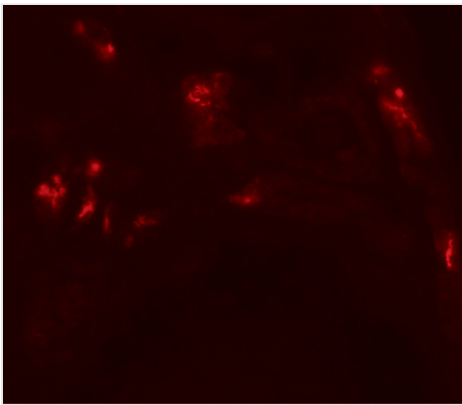
PRODUCT SYNONYMS

DBX1; Polyclonal Antibody; DBX1 Antibody; Homeobox protein DBX1; Developing brain homeobox protein 1; developing brain homeobox 1; anti-DBX1 antibody

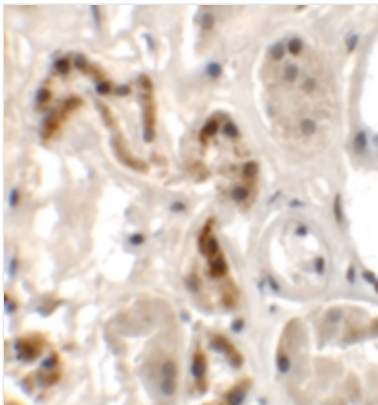
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	BX1 antibody is predicted to not cross-react with other DBX protein family members
Purity/Purification	DBX1 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	343
Applicable Applications for anti-DBX1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	DBX1 antibody was raised against a 15 amino acid synthetic peptide near the center of human DBX1.
Buffer	DBX1 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	DBX1 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

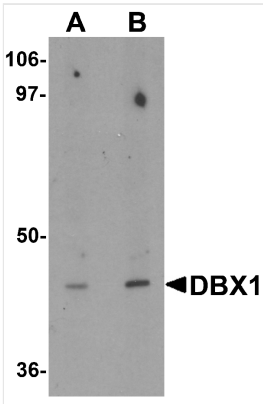
IMAGES



IF (Immunofluorescence)
Immunofluorescence of DBX1 in human kidney tissue with DBX1 antibody at 20 μ g/mL.



IHC (Immunohistochemistry)
Immunohistochemistry of DBX1 in human kidney tissue with DBX1 antibody at 2.5 μ g/mL.



WB (Western Blot)
Western blot analysis of DBX1 in mouse kidney tissue lysate with DBX1 antibody at (A) 1 and (B) 2 μ g/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-DBX1 antibody	DBX1 Antibody: DBX1 is implicated in patterning the central nervous system during embryogenesis. DBX1 homeodomain transcription factor is expressed in progenitors which are critical in establishing cell fate allocation and cell diversity. DBX1 has a key role in regulating the distinct phenotypic features that distinguish two major classes of ventral interneurons, V0 and V1 neurons. DBX1-derived neurons are essential for the transgenic expression and generation of respiratory behavior both in vitro and in vivo.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	304434796
NCBI GeneID	120237
NCBI Accession #	NP_001025036
NCBI GenBank Nucleotide #	NM_001029865.2
UniProt Accession #	A6NMT0
Molecular Weight	37,283 Da
NCBI Official Full Name	homeobox protein DBX1
NCBI Official Synonym Full Names	developing brain homeobox 1
NCBI Official Symbol	DBX1

NCBI Protein Information	homeobox protein DBX1; developing brain homeobox protein 1
UniProt Protein Name	Homeobox protein DBX1
UniProt Gene Name	DBX1
UniProt Entry Name	DBX1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/dbx1-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/39915>