

Product datasheet

Anti-dbx2 antibody - N-terminal ab189948

3 Images

Overview

Product name	Anti-dbx2 antibody - N-terminal
Description	Rabbit polyclonal to dbx2 - N-terminal
Host species	Rabbit
Specificity	At least two isoforms of DBX2 are known to exist; ab189948 will only detect the shortest isoform.
Tested applications	Suitable for: WB, IHC-P
Species reactivity	Reacts with: Rat, Human
Immunogen	Synthetic peptide corresponding to Human dbx2 (N terminal). The peptide corresponds to 16 amino acids. Database link: Q6ZNG2
Positive control	Human brain cortex tissue; Human kidney tissue; Rat lung cell lysate.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	Preservative: 0.02% Sodium azide Constituent: 99% PBS
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab189948** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 1 - 2 µg/ml. Predicted molecular weight: 37 kDa.

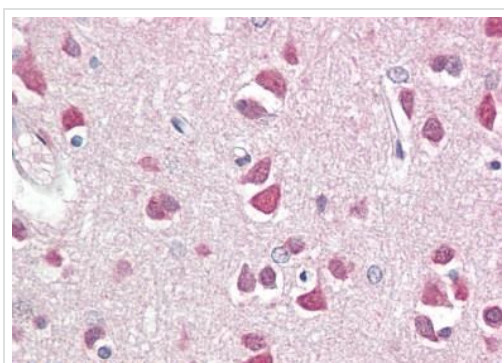
Application	Abreviews	Notes
IHC-P		Use a concentration of 5 µg/ml.

Target

Relevance Members of the Dbx family are implicated in regionalization of the CNS. Dbx2 is restricted to the ventricular region of the embryonic CNS as well as some of the mesenchymal cells, such as limb buds and tooth germs. BMP regulation of the expression boundaries of the homeobox proteins Dbx2, Pax6 and Msx1 generates precursor populations with distinct developmental potentials.

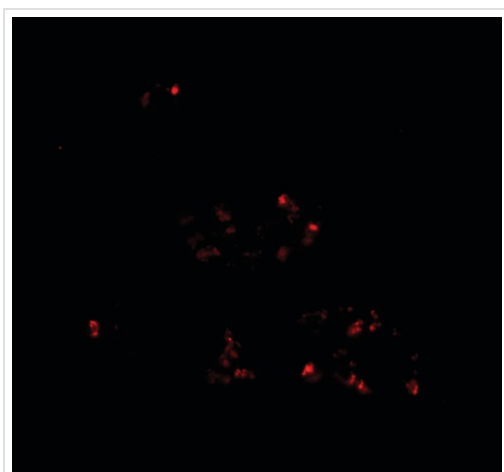
Cellular localization Nuclear

Images



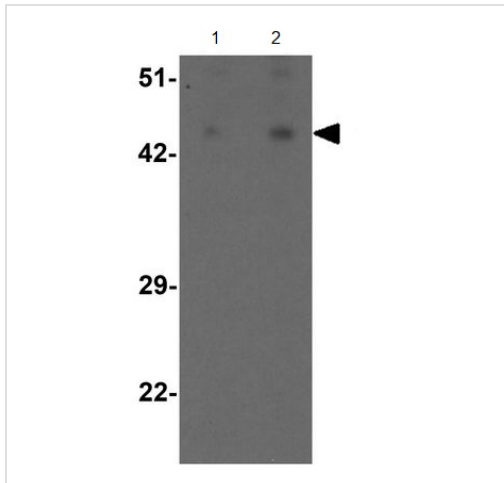
Immunohistochemistry analysis of Formalin-fixed, paraffin-embedded Human brain cortex tissue labeling dbx2 with ab189948 at 5µg/ml.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-dbx2 antibody - N-terminal (ab189948)



Immunohistochemical analysis of Human kidney tissue labeling dbx2 with ab189948 at 20µg/ml.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-dbx2 antibody - N-terminal (ab189948)



Western blot - Anti-dbx2 antibody - N-terminal
(ab189948)

Lane 1 : Anti-dbx2 antibody - N-terminal (ab189948) at 1 µg/ml

Lane 2 : Anti-dbx2 antibody - N-terminal (ab189948) at 2 µg/ml

All lanes : Rat lung cell lysate

Predicted band size: 37 kDa

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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