



[Go to Product page](#)

Datasheet for ABIN1389863

## anti-DBX1 antibody (AA 151-250) (Alexa Fluor 555)

### Overview

|                      |  |
|----------------------|--|
| Quantity:            | 100 µL   |
| Target:              | DBX1   |
| Binding Specificity: | AA 151-250   |
| Reactivity:          | Human  |
| Host:                | Rabbit   |
| Clonality:           | Polyclonal   |
| Conjugate:           | This DBX1 antibody is conjugated to Alexa Fluor 555  |
| Application:         | Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

### Product Details

|                       |   |
|-----------------------|---|
| Immunogen:            | KLH conjugated synthetic peptide derived from human DBX1        |
| Isotype:              | IgG   |
| Predicted Reactivity: | Human, Mouse, Rat, Dog, Cow, Sheep, Pig, Horse, Chicken, Rabbit |
| Purification:         | Purified by Protein A.  |

### Target Details

|                   |  |
|-------------------|--|
| Target:           | DBX1   |
| Alternative Name: | DBX1 ( <a href="#">DBX1 Products</a> )   |
| Background:       | Synonyms: dbx, Developing brain homeobox 1, Developing brain homeobox protein 1, |

## Target Details

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DBX1\_HUMAN.

Background: Dbx1 homeodomain transcription factor is expressed in progenitors at the boundary between the dorsal and ventral plates of the caudal neural tube, from which postmitotic cells migrate tangentially to their final destination. Dbx1 is implicated in patterning the central nervous system during embryogenesis. Cell fate allocation and cell diversity are determined at very early stages in progenitor cells at precise coordinates along the dorsoventral and anteroposterior axis. In the spinal cord, the spatially restricted expression of Dbx1 in progenitors is critical in establishing interneuron cell fates and helps coordinate diverse phenotypic features. In the telencephalon, Dbx1 is expressed in restricted progenitor domains at the borders of the developing pallium.

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Gene ID: 120237

## Application Details

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Application Notes: IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Concentration: 1 µg/µL

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Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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Preservative: ProClin

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Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

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Storage: -20 °C

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Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

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Expiry Date: 12 months