DATASHEET

# PROX1 Rabbit Monoclonal Antibody(ARA6383)

CAT. NO. ARA6383

## KEY FEATURES

| | | | |
|---|---|---|---|
| **Target:** | PROX1 | **Clone ID:** | ARA6383 |
| **Source/Host:** | Rabbit | **Reactivity:** | Human |
| **Clonality:** | Monoclonal | **Applications:** | IHC |
| **Storage:** | at-20°C | | |

## BACKGROUND

Prospero homeobox protein 1 is a protein that in humans is encoded by the PROX1 gene. The Prox1 gene is critical for the development of multiple tissues. Prox1 activity is necessary and sufficient to specify a lymphatic endothelial cell fate in endothelial progenitors located in the embryonic veins. PROX1 has been shown to interact with EP300. PROX1 is produced primarily in the dentate gyrus in the mouse, and in the dentate gyrus and white matter in humans.

## APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

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|---|---|
| **IHC** | 1:200-1:1000 |

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

## OVERVIEW

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|---|---|
| **Description** | Recombinant rabbit monoclonal antibody to PROX1 |
| **Antibody Type** | Primary antibody,Recombinant |
| **Immunogen** | Recombinant protein within Human PROX1 aa 1-100 / 737. |
| **Purification** | Protein A affinity purified. |
| **Molecular Weight** | Predicted: 83 kDa; Observed: 83 kDa |
| **Isotype** | IgG |
| **Form/Buffer** | 50% Glycerol/PBS with 1% BSA and 0.09% sodium azide |
| **Alternative Names** | PROX 1; PROX-1; Prospero homeobox 1; Homeobox prospero-like protein PROX1; Prospero-related homeobox 1 |
| **Gene Symbol** | PROX1 |
| **Entrez Gene** | 5629(Human) |
| **SwissProt** | Q92786(Human) |

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

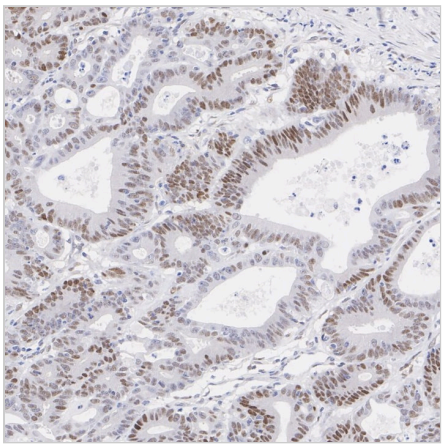
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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Immunohistochemical analysis of paraffin-embedded human colon cancer tissue with PROX1 Rabbit Monoclonal Antibody(ARA6383).

## STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

## NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.

More information: www.arexbio.com