



11 Park Drive, Suite 12
Boston, MA 02215

Rabbit Anti-Human Prox-1

ORDERING INFORMATION

Catalog Number:	102-PA32AG
Size:	50 µg
Formulation:	Polyclonal Antibody ; lyophilized
Synonyms:	PROX1; W117m
Antigen:	Recombinant human Prox-1 (RT #300-052)
Application:	WB, IF
Stabilizer:	None
Buffer:	PBS pH 7.4 w/o preservative

Description:

Prox-1 is a homeobox gene and acts as a master switch for lymphatic endothelial phenotype. Expression of Prox-1 in blood endothelial cells induces expression of other lymphatic marker genes. Together with Podoplanin, Prox-1 can be used to reliably distinguish lymphatic vessels from blood vessels. Prox-1 is expressed in CNS, eye, pancreas, liver and heart, and it is one of the most specific and reliable markers for lymphatic endothelial cells. Produced from sera of rabbits immunized with the recombinant highly conserved C-terminal part of the homeobox transcription factor Prox-1.

Reconstitution:

Centrifuge vial prior to opening. Reconstitute in sterile water to a concentration of 0.1-1.0 mg/ml.

Stability:

The lyophilized antibody is stable at room temperature for up to 1 month. The reconstituted antibody is stable for at least two weeks at 2-8 °C. Frozen aliquots are stable for at least 6 months when stored at -20 °C. **Avoid repeated freeze-thaw cycles!**

Optimal dilutions should be determined by each laboratory for each application.

The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users!

This product is sold for Research Use Only !