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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Product Number	ARP57891_P050-Biotin
Product Page	www.avivasysbio.com/prox1-antibody-biotin-arp57891-p050-biotin.html
Name	PROX1 Antibody : Biotin (ARP57891_P050-Biotin)
Protein Size (# AA)	737 amino acids
Molecular Weight	83 kDa
Conjugation	Biotin
NCBI Gene Id	5629
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	prospero homeobox 1
Peptide Sequence	Synthetic peptide located within the following region: RGMSHSPSVALRGNENEREMAPQSVSPRESYRENKRKQKLPQQQQQSFQQ
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Description of Target	The protein encoded by this gene is a member of the homeobox transcription factor family. Members of this family contain a homeobox domain that consists of a 60-amino acid helix-turn-helix structure that binds DNA and RNA. The protein encoded by this gene is conserved across vertebrates and may play an essential role during development. Altered levels of this protein have been reported in cancers of different organs, such as colon, brain, blood, breast, pancreas, liver and esophagus. Alternative splicing results in multiple transcript variants.
Protein Interactions	PROX1; LBH; GIT2; SMAD3; CTBP2; RORA; PPARC; NR3C2; HNF4A; ESRRG; ESRRB; ZBTB3; HDAC3; IRF4; NR5A2; EP300; CREBBP; NR5A1; PAX6;
Reconstitution and Storage	All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.
Datasheets/Manuals	Printable datasheet for anti-PROX1 (ARP57891_P050-Biotin) antibody
Blocking Peptide	Available upon request
Immunogen	The immunogen is a synthetic peptide directed towards the following sequence RGMSHSPSVALRGNENEREMAPQSVSPRESYRENKRKQKLPQQQQQSFQQ
Uniprot ID	Q92786
Protein Name	Prospero homeobox protein 1
Protein Accession #	NP_002754
Purification	Affinity Purified
Nucleotide Accession #	NM_001270616
Gene Symbol	PROX1
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish
Application	IHC
Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 100%

Image 1



AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.
Optimal conditions of its use should be determined by end users.

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6370 Nancy Ridge Dr., Suite 104, San Diego, CA 92121 USA | Tel: (858)552-6979 | info@avivasysbio.com