

Rabbit PROX1 Polyclonal Antibody | anti-PROX1 antibody

PROX1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA201870	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish	Immunohistochemistry

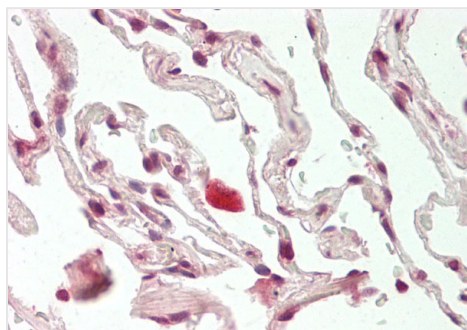
PRODUCT SYNONYMS

PROX1; Polyclonal Antibody; PROX1 Antibody; Prospero homeobox protein 1; LBH; GIT2; SMAD3; CTBP2; RORA; PPARD; NR3C2; HNF4A; ESRRG; ESRA; ZBTB3; HDAC3; IRF4; NR5A2; EP300; CREBBP; NR5A1; PAX6; anti-PROX1 antibody

PRODUCT SPECIFICATIONS

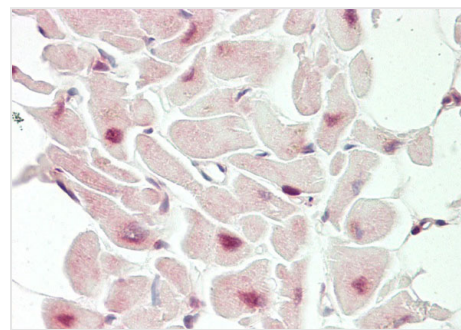
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration	Batch dependent within range: 100ul at 0.5-1mg/ml (varies by lot)
Sequence	RGMSHSPSVA LRGNEREM APQSVSPRES YRENKRKQKL PQQQQQSFQQ
Applicable Applications for anti-PROX1 antibody	IHC (Immunohistochemistry)
Protein Size	737 amino acids
Immunogen	The immunogen is a synthetic peptide directed towards the following sequence RGMSHSPSVALRGNEREMAPQSVSPRESYRENKRKQKL PQQQQQSFQQ
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%
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Rabbit Anti-PROX1 antibody
Formalin Fixed Paraffin Embedded Tissue: Human Lung
Primary antibody Concentration: 1:100
Secondary Antibody: Donkey anti-Rabbit-Cy3
Secondary Antibody Concentration: 1:200
Magnification: 20x
Exposure Time: 0.5-2.0sec



IHC (Immunohistochemistry)

Rabbit Anti-PROX1 antibody
Formalin Fixed Paraffin Embedded Tissue: Human Heart
Primary antibody Concentration: 1:100
Secondary Antibody: Donkey anti-Rabbit-Cy3
Secondary Antibody Concentration: 1:200
Magnification: 20x
Exposure Time: 0.5-2.0sec

ADDITIONAL INFORMATION

Related Product Information for anti-PROX1 antibody	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.
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NCBI AND UNIPROT INFORMATION

NCBI GeneID	5629
UniProt Accession #	Q92786; NP_002754
Molecular Weight	83kDa
UniProt Protein Name	Prospero homeobox protein 1
UniProt Gene Name	PROX1
UniProt Synonym Gene Names	PROX-1
UniProt Entry Name	PROX1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/prox1-antibody-immunohistochemistry-elisa/201870>