

Rabbit anti-Human PROX2 Polyclonal Antibody | anti-PROX2 antibody

PROX2 Antibody (C-term)

CATALOG # AAA290234	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA, Western Blot
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PRODUCT SYNONYMS

PROX2; Polyclonal Antibody; PROX2 Antibody (C-term); Prospero homeobox protein 2; Homeobox prospero-like protein PROX2; PROX-2; anti-PROX2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PROX2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 511-539 amino acids from the C-terminal region of human PROX2.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	511-539
Sequence Length	365
Applicable Applications for anti-PROX2 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

PROX2 Antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human breast tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of PROX2 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)

PROX2 Antibody (C-term) western blot analysis in uterus tumor cell line lysates (35ug/lane). This demonstrates the PROX2 antibody detected the PROX2 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-PROX2 antibody	PROX2 is a transcription regulator. Does not seem to be essential for embryonic development and postnatal survival (By similarity).
References	Ota, T., et al. Nat. Genet. 36(1):40-45(2004) Strausberg, R.L., et al. Proc. Natl. Acad. Sci. U.S.A. 99(26):16899-16903(2002)

NCBI AND UNIPROT INFORMATION

NCBI GI #	339895886
NCBI GeneID	283571
NCBI Accession #	NP_001073877.2; NP_001229936.1
NCBI GenBank Nucleotide #	NM_001080408.2
UniProt Accession #	Q3B8N5; Q8N9Q3; C9J5W1
Molecular Weight	65586
NCBI Official Full Name	prospero homeobox protein 2 isoform 2
NCBI Official Synonym Full Names	prospero homeobox 2
NCBI Official Symbol	PROX2
NCBI Official Synonym Symbols	PROX-2
NCBI Protein Information	prospero homeobox protein 2
UniProt Protein Name	Prospero homeobox protein 2
UniProt Gene Name	PROX2
UniProt Synonym Gene Names	PROX-2
UniProt Entry Name	PROX2_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://stage.aaabiotech.com/polyclonal/prox2-antibody-immunohistochemistry-western-blot-elisa/290234>