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AP53453PU-N

Polyclonal Antibody to PROX2 (C-term) - Aff - Purified

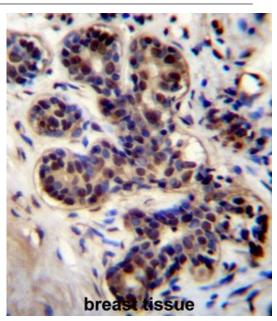
Alternate names:	Prospero homeobox protein 2
Quantity:	0.4 ml
Concentration:	lot specific
Background:	PROX2 is a transcription regulator. Does not seem to be essential for embryonic development and postnatal survival (By similarity).
Uniprot ID:	<u>Q3B8N5</u>
NCBI:	<u>NP_001073877</u>
GenelD:	<u>283571</u>
Host / Isotype:	Rabbit / Ig
Immunogen:	KLH conjugated synthetic peptide between 510-540 amino acids from the C-terminal region of human PROX2
Format:	State: Liquid purified Ig fraction Purification: Affinity chromatography on Protein A Buffer System: PBS Preservatives: 0.09% (W/V) sodium azide
Applications:	ELISA: 1/1000. Western blot: 1/100 - 1/500. Immunohistochemistry on paraffin sections: 1/10 - 1/50. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Molecular Weight:	41kd Isoform 2. 65586 Da
Specificity:	This antibody reacts to PROX2.
Species Reactivity:	Tested: Human.
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	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)

For research and in vitro use only. Not for diagnostic or therapeutic work. Material Safety Datasheets are available at www.acris-antibodies.com or on request.

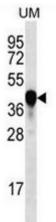
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Pictures:

PROX2 Antibody (C-term) (Cat. #AP53453PU-N)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.



PROX2 Antibody (C-term) (Cat. #AP53453PU-N) western blot analysis in UM cell line lysates (35µg/lane).This demonstrates the PROX2 antibody detected the PROX2 protein (arrow).



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