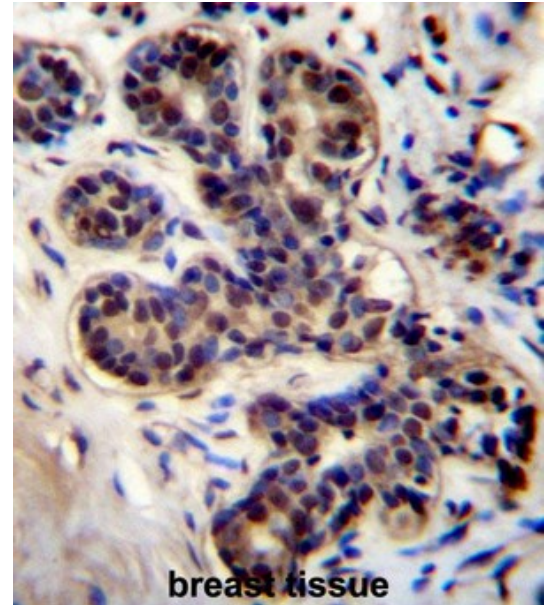


AP53453PU-N**Polyclonal Antibody to PROX2 (C-term) - Aff - Purified**

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:	Q3B8N5
NCBI:	NP_001073877
GeneID:	283571
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)

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).

