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Datasheet for ABIN954325 anti-PROX2 antibody (C-Term)

2 Images



Overview

Quantity:	0.4 mL
Target:	PROX2
Binding Specificity:	AA 510-540, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PROX2 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

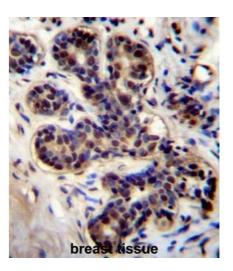
Immunogen:	KLH conjugated synthetic peptide between 510-540 amino acids from the C-terminal region of human PROX2
Isotype:	Ig Fraction
Specificity:	This antibody reacts to PROX2.
Cross-Reactivity (Details):	Species reactivity (tested):Human.
Purification:	Affinity chromatography on Protein A

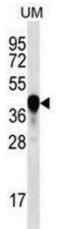
Target Details

Target:	PROX2
Alternative Name:	PROX2 (PROX2 Products)

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Target Details		
Background:	PROX2 is a transcription regulator. Does not seem to be essential for embryonic development and postnatal survival (By similarity).Synonyms: Prospero homeobox protein 2	
Molecular Weight:	41kd Isoform 2. 65586 Da	
Gene ID:	283571	
NCBI Accession:	NP_001073877	
Application Details		
Application Notes:	Optimal working dilution should be determined by the investigator.	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Concentration:	0.25 mg/mL	
Buffer:	PBS, 0.09 % (W/V) sodium azide	
Preservative:	Sodium azide	
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Handling Advice:	Avoid repeated freezing and thawing.	
Storage:	4 °C/-20 °C	
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.	





Immunohistochemistry (Paraffin-embedded Sections)

Image 1. 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.

Western Blotting

Image 2. PROX2 Antibody (C-term) western blot analysis in UM cell line lysates (35µg/lane).This demonstrates the PROX2 antibody detected the PROX2 protein (arrow).

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