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Datasheet for ABIN7003272 anti-PROX1 antibody

2 Images



### Overview

Quantity:	20 µL
Target:	PROX1
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PROX1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

# Product Details

Immunogen:	Synthetic peptide of human PROX1
Isotype:	lgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

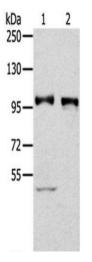
## Target Details

Target:	PROX1
Alternative Name:	PROX1 (PROX1 Products)
Background:	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.

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Target Details		
Molecular Weight:	83 kDa	
NCBI Accession:	NP_001257545	
UniProt:	Q92786	
Pathways:	Stem Cell Maintenance, Regulation of Muscle Cell Differentiation	
Application Details		
Application Notes:	WB 1:500-2000, IHC 1:25-100, ELISA 1:2000-5000	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Concentration:	0.8 mg/mL	
Buffer:	PBS with 0.05 % sodium azide and 50 % glycerol, PH7.4	
Preservative:	Sodium azide	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Storage:	-20 °C	
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.	

## Images



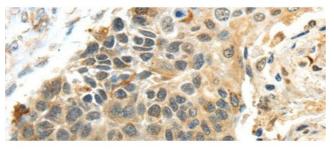
#### Western Blotting

**Image 1.** Western Blot analysis of Human fetal liver tissue and 231 cells using PROX1 Polyclonal Antibody at dilution of 1/300

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#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 2.** Immunohistochemistry of paraffin-embedded Human esophagus cancer using PROX1 Polyclonal Antibody at dilution of 1/40



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