

## Anti-prox1 Polyclonal Antibody

## Product Details

Ig Type:	IgG
Reactivity:	Human (predicted:Mouse,Rat,Chicken,Pig,Cow,Horse,Rabbit,Sheep)
Molecular Weight:	Theoretical: 81 kDa.
Purification:	Protein A purified

## Applications

Verified Activity:	Paraformaldehyde-fixed, paraffin embedded (human colon carcinoma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (prox1) Polyclonal Antibody, Unconjugated (TMAB-11812) at 1: 200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.
Application:	IHC-P,IHC-Fr,IF
Recommended	IHC-P: 1:100-500; IHC-Fr: 1:400-800; IF: 1:100-500

## Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

## Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human prox1
Antigen Species:	Human
Gene ID:	5629
Uniprot ID:	Q92786

## Research Background

Prox1 is a prospero-related homeobox gene. Its expression pattern suggests it has a role in a variety of embryonic tissues and may play a fundamental role in early development of the CNS. It may regulate gene expression and the development of postmitotic undifferentiated young neurons.  
Subcellular Location : Nucleus.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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