
Product Name: PROX1 Rabbit Monoclonal Antibody**Catalog #: AMRe87781**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,ICC/IF
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.5mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:200-1:500,ICC/IF 1:200-1:500
Molecular Weight	Calculated MW:83 kDa; Observed MW:85 kDa

Antigen Information

Gene Name	PROX1
Alternative Names	Homeobox prospero-like protein PROX1; PROX-1
Gene ID	5629
SwissProt ID	Q92786
Immunogen	Recombinant protein of human PROX1

Background

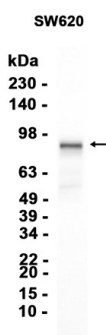
The protein encoded by this gene is a member of the homeobox transcription factor family. Members of this family contain a homeobox domain that consists of a 60-amino acid helix-turn-helix structure that binds DNA and RNA. The protein encoded by

this gene is conserved across vertebrates and may play an essential role during development. Altered levels of this protein have been reported in cancers of different organs, such as colon, brain, blood, breast, pancreas, liver and esophagus. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2012]

Research Area

Image Data

Western blot analysis of extracts from Mouse brain tissue using PROX1 Rabbit Monoclonal Antibody at 1:100.



Western blot analysis of extracts from SW620 cells using AMRe87781 at 1:1000.