

Summary

Production Name	Islet 1 Rabbit Monoclonal Antibody
Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,IP
Reactivity	Human,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Purification	Affinity Purification

Immunogen

Gene Name	ISL1
Alternative Names	ISL1; Insulin gene enhancer protein ISL-1; Islet-1
Gene ID	3670
SwissProt ID	P61371.

Application

Dilution Ratio	WB 1:500-1:1000,IHC 1:50-1:100,IP 1:20-1:50
Molecular Weight	Calculated MW: 39 kDa; Observed MW: 39 kDa

Background

Product Name: Islet 1 Rabbit Monoclonal Antibody
Catalog #: AMRe02174

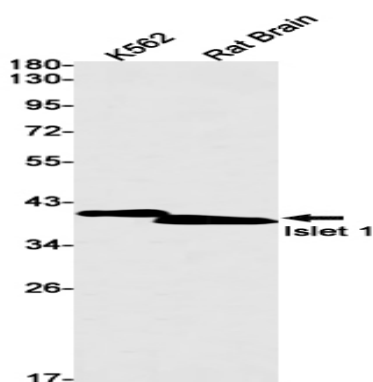


ISL1 (ISL1 transcription factor, LIM/homeodomain) is a member of the LIM/homeodomain family of transcription factors. It binds to the enhancer region of the insulin gene, among others, and may play an important role in regulating insulin gene expression. It is central to the development of pancreatic cell lineages and may also be required for motor neuron generation. Islet-1 expression defines cardiac progenitor cell populations and is required for normal cardiac development and asymmetry.

Research Area

Neuroscience

Image Data



Western blot analysis of Islet 1 in K562, rat Brain lysates using Islet 1 antibody.

Note

For research use only.