

ISL1

Reactivity:Human Mouse Rat

Tested applications:WB IHC IF

Recommended Dilution:WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:100

Calculated MW:39kDa

Observed MW:Refer to Figures

Immunogen:

Recombinant protein of human ISL1

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Concentration:

k

Synonym:

Isl-1; ISLET1;

Catalog #:A6383

Antibody Type:

Polyclonal Antibody

Species:Rabbit

Gene ID:3670

Isotype:IgG

Swiss Prot:P61371

Purity:Affinity purification

For research use only.

Background:

This gene encodes a member of the LIM/homeodomain family of transcription factors. The encoded protein binds to the enhancer region of the insulin gene, among others, and may play an important role in regulating insulin gene expression. The encoded protein is central to the development of pancreatic cell lineages and may also be required for motor neuron generation. Mutations in this gene have been associated with maturity-onset diabetes of the young.

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