

Product Datasheet

Islet 1 Antibody

Catalog No: CY5607

Reactivity: Human Mouse

Isotype: Rabbit IgG

Applications: WB ICC/IF IP



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Information

UniProt ID: P61371

All Names: Isl-1; ISLET1; Islet1; ISL 1;

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 39 kDa

Application

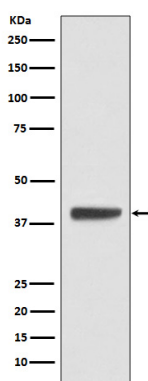
WB: 1:1000~1:2000

ICC/IF: 1:50~1:200

IP: 1:50

Background

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. Mutations in this gene have been associated with maturity-onset diabetes of the young.



Western blot analysis of Islet 1 expression in K562 cell lysate.

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