

## ISLET 1 RABBIT PAB

**Cat.#:** N225666

**Product Name:** Anti-Islet 1 Rabbit pAb

**Synonyms:** ISL1; Insulin gene enhancer protein ISL-1; Islet-1

**UNIPROT ID:** P61371

**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.

**Immunogen:** A synthesized peptide derived from human Islet 1

**Applications:** WB, ICC/IF, IP

**Recommended Dilutions:** WB: 1/500-1/1000 IF: 1/50-1/200 IP: 1/20

**Host Species:** Rabbit

**Clonality:** Rabbit Polyclonal

**Clone ID:** -

**MW:** Calculated MW: 39 kDa; Observed MW: 39 kDa

**Isotype:** IgG

**Purification:** Affinity Chromatography

**Species Reactivity:** Human, Mouse

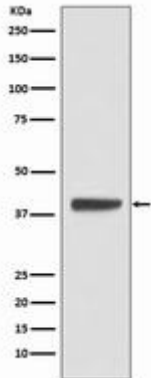
**Conjugation:** Unconjugated

**Modification:** Unmodified

**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

**Research Areas:** Neuroscience

**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



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