

Rabbit ISL1 Polyclonal Antibody | anti-ISL1 antibody

ISL1 Antibody (Center)

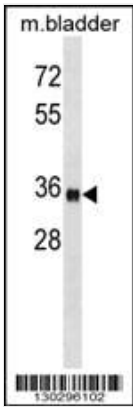
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284318	Rabbit	Human, mouse (Predicted Reactivity: Chicken, Zebrafish, Rat)	ELISA, Western Blot

PRODUCT SYNONYMS

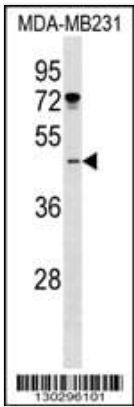
ISL1; Polyclonal Antibody; ISL1 Antibody (Center); Insulin gene enhancer protein ISL-1; Islet-1; anti-ISL1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Chicken, Zebrafish, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This ISL1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 156-185 amino acids from the Central region of human ISL1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	156-185
Sequence Length	349
Applicable Applications for anti-ISL1 antibody	ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



WB (Western Blot)
ISL1 Antibody (Center) western blot analysis in mouse bladder tissue lysates (35ug/lane).This demonstrates the ISL1 antibody detected the ISL1 protein (arrow).



WB (Western Blot)
ISL1 Antibody (Center) western blot analysis in MDA-MB231 cell line lysates (35ug/lane).This demonstrates the ISL1 antibody detected the ISL1 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-ISL1 antibody	ISL1 is 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.
Product Categories/Family for anti-ISL1 antibody	Cardiovascular; Developmental Biology; Neuroscience; Signal Transduction
References	De Luca, A., et al. Clin. Genet. (2010) In press : Davis, O.S., et al. Behav. Genet. (2010) In press : Genead, R., et al. Stem Cell Res 4(1):69-76(2010) Stevens, K.N., et al. PLoS ONE 5 (5), E10855 (2010) : Zhang, H., et al. J. Mol. Biol. 392(3):566-577(2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	115387114
NCBI GeneID	3670
NCBI Accession #	NP_002193.2
NCBI GenBank Nucleotide #	NM_002202.2
UniProt Accession #	P61371; P20663; P47894
Molecular Weight	39036
NCBI Official Full Name	insulin gene enhancer protein ISL-1
NCBI Official Synonym Full Names	ISL LIM homeobox 1
NCBI Official Symbol	ISL1
NCBI Official Synonym Symbols	Isl-1; ISLET1
NCBI Protein Information	insulin gene enhancer protein ISL-1
UniProt Protein Name	Insulin gene enhancer protein ISL-1
UniProt Gene Name	ISL1

UniProt Synonym Gene Names	Islet-1
UniProt Entry Name	ISL1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/isl1-antibody-western-blot-elisa/284318>