

Rabbit ISL2 Polyclonal Antibody | anti-ISL2 antibody

ISL2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324086	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

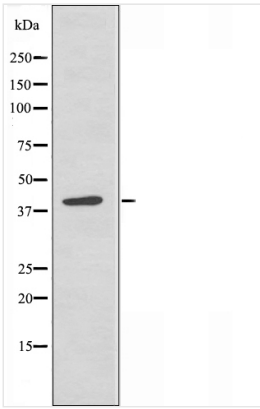
PRODUCT SYNONYMS

ISL2; Polyclonal Antibody; ISL2 Antibody; FLJ10160; Insulin gene enhancer protein ISL 2; Insulin gene enhancer protein ISL-2; Insulin gene enhancer protein ISL2; ISL 2; ISL 2 transcription factor; ISL 2 transcription factor LIM/homeodomain; ISL LIM homeobox 2; ISL2 transcription factor; ISL2 transcription factor LIM/homeodomain; ISL2_HUMAN; Islet-2; Islet2; SL2 transcription factor LIM/homeodomain (islet-2); anti-ISL2 antibody

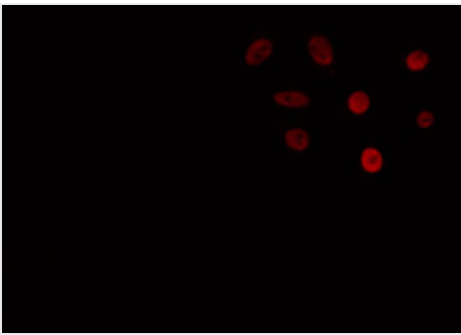
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	ISL2 antibody detects endogenous levels of total ISL2
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	359
Applicable Applications for anti-ISL2 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Nucleus.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Chicken, Xenopus
Similarity	Pig (100%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (91%), Chicken (82%), Xenopus (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)
Western blot analysis of extracts from 293 cells, using ISL2 antibody.



IF (Immunofluorescence)
AAA324086 staining 293 cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-ISL2 antibody	Function: Transcriptional factor that defines subclasses of motoneurons that segregate into columns in the spinal cord and select distinct axon pathways. Subunit Structure: Interacts with LHX4.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	21956641
NCBI GeneID	64843
NCBI Accession #	NP_665804.1
NCBI GenBank Nucleotide #	NM_145805.2
UniProt Accession #	Q96A47; B3KM37
Molecular Weight	Observed: 40 kD Predicted: 40 kDa
NCBI Official Full Name	insulin gene enhancer protein ISL-2
NCBI Official Synonym Full Names	ISL LIM homeobox 2
NCBI Official Symbol	ISL2
NCBI Protein Information	insulin gene enhancer protein ISL-2
UniProt Protein Name	Insulin gene enhancer protein ISL-2
UniProt Gene Name	ISL2
UniProt Synonym Gene Names	Islet-2

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/isl2-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/324086>