

Rabbit Islet-2 Polyclonal Antibody | anti-Islet-2 antibody

Rabbit anti-Islet-2 Antibody

CATALOG # AAA221498	HOST Rabbit	REACTIVITY Human, Mouse, Rat, Monkey	APPLICATIONS Immunofluorescence, Western Blot
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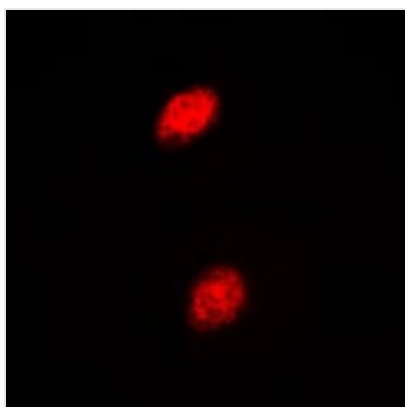
PRODUCT SYNONYMS

Islet-2; Polyclonal Antibody; Rabbit anti-Islet-2 Antibody; Insulin gene enhancer protein ISL-2; anti-Islet-2 antibody

PRODUCT SPECIFICATIONS

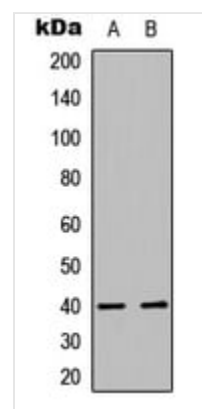
Host	Rabbit
Reactivity	Human, Mouse, Rat, Monkey
Clonality	Polyclonal
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-Islet-2 antibody	IC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Islet-2. The exact sequence is proprietary.
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescent analysis of Islet-2 staining in HEK293T cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).



WB (Western Blot)

Western blot analysis of Islet-2 expression in HEK293T (A), mouse brain (B) whole cell lysates.

ADDITIONAL INFORMATION

Product Categories/Family for anti-Islet-2 antibody	Primary antibodies
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NCBI AND UNIPROT INFORMATION

NCBI GI #	21956641
NCBI GeneID	64843
NCBI Accession #	NP_665804.1
NCBI GenBank Nucleotide #	NM_145805.1
UniProt Accession #	Q96A47; Q9CXV0; P50480
Molecular Weight	39,768 Da
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; islet-2; ISL2 transcription factor, LIM/homeodomain, (islet-2)
UniProt Protein Name	Insulin gene enhancer protein ISL-2
UniProt Gene Name	ISL2
UniProt Synonym Gene Names	Islet-2
UniProt Entry Name	ISL2_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://stage.aaabiotech.com/polyclonal/islet-2-antibody-immunochemistry-immunofluorescence-western-blot-elisa/221498>