

Human Islet-2 Antibody

Antigen Affinity-purified Polyclonal Sheep IgG Catalog Number: AF4244

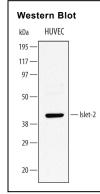
DESCRIPTION			
Species Reactivity	Human		
Specificity	Detects human Islet-2 in direct ELISAs and Western blots.		
Source	Polyclonal Sheep IgG		
Purification	Antigen Affinity-purified		
Immunogen	<i>E. coli</i> -derived recombinant human Islet-2 Met1-Thr359 Accession # Q96A47		
Formulation	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied either lyophilized or as a 0.2 µm filtered solution in PBS.		

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. General Protocols are available in the Technical Information section on our website.

	Recommended Concentration	Sample
Western Blot	1 μg/mL	See Below
Immunohistochemistry	5-15 μg/mL	Immersion fixed frozen sections of mouse embryo (E13.5)

DATA



Detection of Human Islet-2 by Western Blot. Western blot shows lysates of HUVEC human umbilical vein endothelial cells. PVDF membrane was probed with 1 µg/mL of Human Islet-2 Antigen Affinity-purified Polyclonal Antibody (Catalog # AF4244) followed by HRP-conjugated Anti-Sheep IgG Secondary Antibody (Catalog # HAF016). A specific band was detected for Islet-2 at approximately 42 kDa (as indicated). This experiment was conducted under reducing conditions and using Immunoblot Buffer Group 1.

PREPARATION AND STORAGE

Reconstitution Reconstitute at 0.2 mg/mL in sterile PBS.

Shipping The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

*Small pack size (-SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 °C

- 12 months from date of receipt, -20 to -70 °C as supplied.
- 1 month, 2 to 8 °C under sterile conditions after reconstitution.
- 6 months, -20 to -70 °C under sterile conditions after reconstitution.

BACKGROUND

Islet-2 is a member of the LIM homeodomain transcription factors and its expression pattern defines a subclass of motor neurons. Islet-2 contains two amino terminal LIM domains and a carboxy terminal homeodomain. Human Islet-2 shares 93% similarity with mouse Islet-2.

Rev. 2/6/2018 Page 1 of 1

