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**Research Use Only. Not
for diagnostic or
therapeutic use.**

Storage: For long-term
storage keep aliquots at
-20°C. (Store no longer than
12 months at 4°C). Minimize
freezing and thawing.

EB07974 – Goat anti-Pdx1 (zebrafish) antibody

Size: 100µg specific antibody in 200µl

This product is one of a range of Aspiring Grade antibodies, made against targets that have limited or no commercial antibodies available to them and for which there are no data on the expression of the protein in the range of common cell lines and tissues available to us. These antibodies are affinity purified using their peptide immunogen and are known to give low background staining in a western blot (see Application Notes below). However no additional claims are made for their ability to recognise native protein in any application.

Target Protein

Principal Names: pdx1; pancreatic and duodenal homeobox 1; ipf1; pdx-1; zgc:100874; insulin promoter factor 1, homeodomain transcription factor; pancreatic and duodenal homeobox gene 1

Official Gene Symbol: pdx1

Accession Number(s): NP_571518.2

Human Gene ID(s):

Immunogen

Peptide with sequence C-QRHPNEDYSQNP, from the internal region of the protein sequence according to NP_571518.2

Purification

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:64000.

Western Blot: Not yet tested. At this stage we are dependent on researchers in the field for further characterization of this product. Therefore we cannot recommend an optimal concentration and the product is investigative grade. We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates?

Species Reactivity

Tested:

Expected from sequence similarity: Zebrafish

Background Reference

Huang H, Vogel SS, Liu N, Melton DA, Lin S

Analysis of pancreatic development in living transgenic zebrafish embryos.

Mol Cell Endocrinol. 2001 May 25;177(1-2):117-24.

PMID: 11377827

