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GOAT ANTI-POU5F1B ANTIBODY

SKU: EB10038

SPECIFICATIONS

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

Unit Size

Storage

Instructions Aliquot and store at -20°C. Minimize freezing and thawing.

POU5F1B|POU5FLC8|POU5FLC20|POU5F1P1|POU domain, class 5, transcription factor 1 pseudogene 1|POU domain Synonym /

Alias transcription factor Oct-4|POU class 5 homeobox 1B|POU class 5 homeobox 1 pseudogene 1|POU 5 domain

Names protein|OTF3P1|OTF3C|octamer b|OCT4-pg1

Accession ID

NP 001153014.1

Blocking

EBP10038 **Peptide**

Peptide with sequence C-TPGYGSPHFTALYS, from the internal region (near C Terminus) of the protein sequence Immunogen

according to NP 001153014.1.

Product Comments

This antibody is expected to crossreact to the almost identical OCT4 / POU5F1 (GeneID 5460).

Peptide

Sequence

C-TPGYGSPHFTALYS

Purification Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using

Method the immunizing peptide.

Shipping

Refrigerated Instructions

Predicted

Species

Human

Human

5462, 5460

Gene ID

Product Grade

https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/aspiring_medium.png

ELISA

Detection

Antibody detection limit dilution 1:16000.

Limit

Preliminary experiments gave an approx 28kDa band in Human Heart lysates after 1µg/ml antibody staining.

Western **Blot**

Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 38.6kDa according to NP 001153014.1. The 28kDa band was successfully blocked by incubation

with the immunizing peptide.

Application

Type

Pep-ELISA





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