

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 100 µg

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

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

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 Peptide EBP10038

Immunogen Peptide with sequence C-TPGYGSPHFTALYS, from the internal region (near C Terminus) of the protein sequence 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 Method Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Shipping Instructions Refrigerated

Predicted Species Human

Human Gene ID 5462, 5460

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

ELISA

Detection Limit Antibody detection limit dilution 1:16000.

Western Blot 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

DOCUMENTS

- [Data Sheet](#)