www.everestbiotech.com
Email: customerservice@vectorlabs.com
Telephone: (650) 697-3600

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 / Alias Names	POU5F1B|POU5FLC8|POU5FLC20|POU5F1P1|POU domain, class 5, transcription factor 1 pseudogene 1|POU domain transcription factor Oct-4|POU class 5 homeobox 1B|POU class 5 homeobox 1 pseudogene 1|POU 5 domain 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. 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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DOCUMENTS

- Data Sheet