

# GOAT ANTI-POU5F1B ANTIBODY

SKU: EB10038



## SPECIFICATIONS

<b>Formulation</b>	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
<b>Unit Size</b>	100 µg
<b>Storage Instructions</b>	Aliquot and store at -20°C. Minimize freezing and thawing.
<b>Synonym / Alias Names</b>	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
<b>Accession ID</b>	NP_001153014.1
<b>Blocking Peptide</b>	EBP10038
<b>Immunogen</b>	Peptide with sequence C-TPGYGSPHFTALYS, from the internal region (near C Terminus) of the protein sequence according to NP_001153014.1.
<b>Product Comments</b>	This antibody is expected to crossreact to the almost identical OCT4 / POU5F1 (GeneID 5460).
<b>Peptide Sequence</b>	C-TPGYGSPHFTALYS
<b>Purification Method</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Shipping Instructions</b>	Refrigerated
<b>Predicted Species</b>	Human
<b>Human Gene ID</b>	5462, 5460
<b>Product Grade</b>	<a href="https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/aspiring_medium.png">https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/aspiring_medium.png</a>
<b>ELISA Detection Limit</b>	Antibody detection limit dilution 1:16000.
<b>Western Blot</b>	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.
<b>Application Type</b>	Pep-ELISA

## DOCUMENTS

- [Data Sheet](#)