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Datasheet for ABIN570857

anti-POU5F1B antibody (Internal Region)

Overview

Quantity:	100 µg
Target:	POU5F1B
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This POU5F1B antibody is un-conjugated
Application:	ELISA

Product Details

Purpose:	POU5F1B
Immunogen:	Peptide with sequence C-TPGYGSPHFTALYS, from the internal region (near C Terminus) of the protein sequence according to NP_001153014.1.
Sequence:	TPGYGSPHFT ALYS
Isotype:	IgG
Specificity:	This antibody is expected to crossreact to the almost identical OCT4 / POU5F1 (GeneID 5460).
Cross-Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Recent

Target Details

Target:	POU5F1B
Alternative Name:	POU5F1B (POU5F1B Products)
Background:	POU5F1B, POU class 5 homeobox 1B, OCT4-pg1, OTF3C, OTF3P1, POU5F1P1, POU5FLC20, POU5FLC8, POU 5 domain protein, POU class 5 homeobox 1 pseudogene 1, POU domain transcription factor Oct-4, POU domain, class 5, transcription factor 1 pseudogene 1, octamer b
Gene ID:	5462, 5460
NCBI Accession:	NP_001153014

Application Details

Application Notes:	Western Blot: Preliminary experiments gave an approx 28 kDa band in Human Heart lysates after 1 µg/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 38.6 kDa Peptide ELISA: antibody detection limit dilution 1:16000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.