

POU5F1 / OCT4 Goat anti-Human Polyclonal (C-Terminus) Antibody - LS-C112998 - LSBio

CatalogID:	LS-C112998
Target:	POU class 5 homeobox 1 (POU5F1)
Synonyms:	POU5F1 Antibody, Oct-4 Antibody, OCT3 Antibody, OCT4 Antibody, OTF4 Antibody, POU class 5 homeobox 1 Antibody, Octamer-binding protein 3 Antibody, Octamer-binding protein 4 Antibody, OTF-3 Antibody, Oct-3 Antibody, OTF3 Antibody
Host	POU5F1 antibody was produced in Goat
Clonality:	Polyclonal
Immunogen Species:	POU5F1 / OCT4 antibody was raised against Human
Antigen Type:	Synthetic peptide
Immunogen:	POU5F1 / OCT4 antibody was raised against synthetic peptide C-TPGYGSPHFTALYS from an internal region (near C-terminus) of human POU5F1 / OCT4 (NP_001153014.1). Percent identity by BLAST analysis: Human, Chimpanzee, Gorilla, Gibbon, Monkey, Marmoset (100%); Mouse, Cat (93%); Rat, Goat, Dog, Bovine, Horse, Pig (86%).
Specificity:	Human POU5F1 / OCT4. This antibody is expected to crossreact to the almost identical OCT4 / POU5F1 (GeneID 5460).
Epitope:	C-Terminus
Reactivity:	Human, Chimpanzee, Gorilla, Gibbon, Monkey
Predicted Reactivity:	Mouse
Purification:	Immunoaffinity purified
Presentation:	Tris-buffered saline, pH 7.3, 0.5% BSA, 0.02% sodium azide
Recommended Storage:	Store at -20°C. Minimize freezing and thawing.
Usage Summary:	Peptide ELISA: antibody detection limit dilution 1:16000. Western blot: Preliminary experiments gave an approx 28kDa band in Human Heart lysates after 1 ug/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.
Uses:	ELISA (1:16000) (Optimal dilution to be determined by the researcher)
Size:	100 µg
Requested From:	Japan

Laboratory Reagent For In Vitro Research Use Only

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