ANGIO-PROTEOMIE
HIGH QUALITY REAGENTS FOR LIFE SCIENCES

DATA SHEET

Goat anti-OCT4 / POU5F1 (mouse) Antibody

Item Number	dAP-2245
Target Molecule	Principle Name: OCT4 / POU5F1 (mouse); Official Symbol: POU5F1; All Names and Symbols: Pou5f1; POU domain, class 5, transcription factor 1; Oct-3; Oct-3/4; Oct-4; Oct3; Oct3/4; Oct4; Otf-3; Otf-4; Otf3; Otf3-rs7; Otf3g; Otf4; Accession Number (s): NP_038661.2;; Human Gene ID(s): ; Non-Human GeneID(s): 18999 (mouse)
Immunogen	DRPNAVKLEKVEP, is from internal region
Applications	Pep ELISA, WB Species Tested: Human, Mouse
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconsititute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 16000.
Western Blot	Western Blot: Approx 38-40kDa band observed in lysates of cell line NIH3T3 and approx. 45kDa in lysates of cell line HepG2 (calculated MW of 38.6kDa according to Human NP_002692.2 and 38.2kDa according to Mouse NP_038661.2). The observed molecular weight
IHC	
Reference	Reference(s): Liu TM, Wu YN, Guo XM, Hui JH, Lee EH, Lim B, Effects of ectopic Nanog and Oct4 overexpression on mesenchymal stem cells. Stem cells and development 2009 Sep 18 (7): 1013-22..PMID: 19102659->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for Research Use Only

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