

Goat anti-POU2F1 / OCT1 Antibody

Item Number	dAP-2224
Target Molecule	Principle Name: POU2F1 / OCT1; Official Symbol: POU2F1; All Names and Symbols: POU2F1; POU class 2 homeobox 1; OCT1; OTF1; OTTHUMP00000032348; Octamer-binding transcription factor-1; POU domain, class 2, transcription factor 1; Accession Number (s): NP_002688.2; Human Gene ID(s): 5451; Non-Human GenID(s):
Immunogen	NVQSKSNEESGDSQQ, is from internal region (near N Terminus)
Applications	Pep ELISA, WB Species Tested: Human
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; Reconstitute 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 4000.
Western Blot	Western Blot: Approx 100kDa band observed in nuclear lysates of cell line HeLa (calculated MW of 76.5kDa according to NP_002688.2). The observed molecular weight corresponds to earlier findings with different antibodies from other commercial sources. Rec
IHC	
Reference	Reference(s): Wang P, Wang Q, Sun J, Wu J, Li H, Zhang N, Huang Y, Su B, Li RK, Liu L, Zhang Y, Elsholtz HP, Hu J, Gaisano HY, Jin T, POU homeodomain protein Oct-1 functions as a sensor for cyclic AMP. The Journal of biological chemistry 2009 Sep 284 (39): 26456-65..PMID: 19617623->

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 end users! This product is sold for **Research Use Only**