



Anti-POU2F1 (aa 69-83) polyclonal antibody (DPABH-24654)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Transcription factor that binds to the octamer motif (5-ATTTGCAT-3) and activates the promoters of the genes for some small nuclear RNAs (snRNA) and of genes such as those for histone H2B and immunoglobulins. Modulates transcription transactivation by NR3C1, AR and PGR (By similarity). In case of human herpes simplex virus (HSV) infection, POU2F1 forms a multiprotein-DNA complex with the viral transactivator protein VP16 and HCFC1 thereby enabling the transcription of the viral immediate early genes.
Immunogen	Synthetic peptide corresponding to Human Oct-1 aa 69-83 (N terminal) (Cysteine residue).Sequence: NVQSKSNEESGDSQQ
Isotype	IgG
Source/Host	Goat
Species Reactivity	Human
Purification	Protein G purified
Conjugate	Unconjugated
Applications	WB
Format	Liquid
Size	100 µg
Buffer	Constituents: 0.5% BSA, Tris buffered saline, pH 7.3
Preservative	0.02% Sodium Azide
Storage	Store at 4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C. Avoid freeze / thaw

cycle.

GENE INFORMATION

Gene Name	POU2F1 POU class 2 homeobox 2 [Homo sapiens]
Official Symbol	POU2F1
Synonyms	POU2F1; POU class 2 homeobox 1; OCT1; OTF1; oct-1B; POU domain, class 2, transcription factor 1; NF-A1; OTF-1; oct-1; octamer-binding protein 1; Octamer-binding transcription factor-1; octamer-binding transcription factor 1;
Entrez Gene ID	5451
Protein Refseq	NP_001185712.1
UniProt ID	P14859
Pathway	ATF-2 transcription factor network; Calcium signaling in the CD4+ TCR pathway; Gene Expression; RNA Polymerase I, RNA Polymerase III, and Mitochondrial Transcription
Function	protein binding; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity;