



Anti-POU5F1 (internal region) polyclonal antibody (DPAB-DC807)

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

PRODUCT INFORMATION

Antigen Description	POU5F1 (POU class 5 homeobox 1) is a protein-coding gene. Diseases associated with POU5F1 include central nervous system germinoma, and immature teratoma of ovary, and among its related super-pathways are GSK3 Signaling and Wnt Signaling Pathway. GO annotations related to this gene include transcription factor binding and sequence-specific DNA binding transcription factor activity. An important paralog of this gene is POU5F2.
Immunogen	A synthetic peptide corresponding to amino acids at internal region of mouse Pou5f1. The sequence is C-DRPNAVKLEKVEP
Source/Host	Goat
Species Reactivity	Mouse
Purification	Antigen affinity purification
Conjugate	Unconjugated
Applications	WB (Cell lysate), ELISA,
Format	Liquid
Concentration	0.5 mg/mL
Size	100 µg
Buffer	In 0.5 mg/mL in Tris saline, pH7.3 (0.5% BSA, 0.02% sodium azide)
Preservative	0.02% Sodium Azide
Storage	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	Pou5f1 POU domain, class 5, transcription factor 1 [Mus musculus (house mouse)]
Official Symbol	POU5F1
Synonyms	POU5F1; POU domain, class 5, transcription factor 1; Oct3; Oct4; Otf3; Otf4; NF-A3; Oct-3; Oct-4; Otf-3; Otf-4; Otf3g; Oct3/4; Oct-3/4; Otf3-rs7; octamer-binding protein 3; octamer-binding protein 4; octamer-binding transcription factor 3;
Entrez Gene ID	18999
Protein Refseq	NP_001239381
UniProt ID	P20263
Chromosome Location	17 B1; 17 18.69 cM
Pathway	Developmental Biology; PluriNetWork; Wnt Signaling Pathway and Pluripotency;
Function	DNA binding; HMG box domain binding; POU domain binding; RNA polymerase II transcription coactivator activity