



Anti-POU3F3 (aa 401-500) polyclonal antibody (DPAB-DC2339)

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

PRODUCT INFORMATION

Antigen Description	POU3F3 is a member of the class III POU family of transcription factors (see POU3F1; MIM 602479) that are expressed in the central nervous system. The POU domain in these proteins is required for high affinity binding to octamer DNA sequences (summarized by Sumiyama et al., 1996 [PubMed 8703082]).[supplied by OMIM, Jul 2010]
Immunogen	POU3F3 (NP_006227, 401 a.a. ~ 500 a.a) partial recombinant protein with GST tag. The sequence is AAQGRKRKKRTSIEVSVKGALESHFLKCPKPSAQEITNLADSLQLEKEVVRVWFCNRRQK EKRMTPPGIQQQTDDVYSQVGTVSADTPPPHHGLQTSVQ
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name [POU3F3 POU class 3 homeobox 3 \[Homo sapiens \(human\) \]](#)

Official Symbol	POU3F3
Synonyms	POU3F3; POU class 3 homeobox 3; BRN1; OTF8; POU domain, class 3, transcription factor 3; OTF-8; brn-1; oct-8; brain-1; octamer-binding protein 8; octamer-binding transcription factor 8; brain-specific homeobox/POU domain protein 1;
Entrez Gene ID	5455
Protein Refseq	NP_006227
UniProt ID	P20264
Chromosome Location	2q12.1
Function	HMG box domain binding; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity;