



Anti-POU3F2 (aa 1-67) polyclonal antibody (DPAB-DC2335)

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

PRODUCT INFORMATION

Antigen Description	This gene encodes a member of the POU-III class of neural transcription factors. The encoded protein is involved in neuronal differentiation and enhances the activation of corticotropin-releasing hormone regulated genes. Overexpression of this protein is associated with an increase in the proliferation of melanoma cells.
Immunogen	POU3F2 (NP_005595, 1 a.a. ~ 67 a.a) partial recombinant protein with GST tag. The sequence is MATAASNHYSLTSSASIVHAEPPGGMQQGAGGYREAQSLVQGDYGALQSNHGHP LSHAHQ WITALSH
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 [POU3F2 POU class 3 homeobox 2 \[Homo sapiens \(human\) \]](#)

Official Symbol	POU3F2
Synonyms	POU3F2; POU class 3 homeobox 2; BRN2; OCT7; OTF7; OTF-7; POUF3; brn-2; oct-7; N-Oct3; POU domain, class 3, transcription factor 2; brain-2; octamer-binding protein 7; octamer-binding transcription factor 7; brain-specific homeobox/POU domain protein 2; nervous system-specific octamer-binding transcription factor N-Oct-3;
Entrez Gene ID	5454
Protein Refseq	NP_005595
UniProt ID	P20265
Chromosome Location	6q16
Pathway	SIDS Susceptibility Pathways.
Function	RNA polymerase II transcription coactivator activity; identical protein binding; protein binding; sequence-specific DNA binding