



# 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

<b>Antigen Description</b>	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.
<b>Immunogen</b>	POU3F2 (NP_005595, 1 a.a. ~ 67 a.a) partial recombinant protein with GST tag. The sequence is MATAASNHYSLTSSASIVHAEPPGGMQQGAGGYREAQSLVQGDYGALQSNGHPLSHAHQ WITALSH
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB (Recombinant protein), ELISA,
<b>Size</b>	50 µl
<b>Buffer</b>	50 % glycerol
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">POU3F2 POU class 3 homeobox 2 [ Homo sapiens (human) ]</a>
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<b>Official Symbol</b>	POU3F2
<b>Synonyms</b>	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;
<b>Entrez Gene ID</b>	<a href="#">5454</a>
<b>Protein Refseq</b>	<a href="#">NP_005595</a>
<b>UniProt ID</b>	<a href="#">P20265</a>
<b>Chromosome Location</b>	6q16
<b>Pathway</b>	SIDS Susceptibility Pathways.
<b>Function</b>	RNA polymerase II transcription coactivator activity; identical protein binding; protein binding; sequence-specific DNA binding

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