



# Anti-POU3F4 (aa 50-150) polyclonal antibody (DPABH-29117)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	Probable transcription factor which exert its primary action widely during early neural development and in a very limited set of neurons in the mature brain.
<b>Immunogen</b>	Synthetic peptide conjugated to KLH derived from within residues 50 - 150 of Rat BRN4.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Rat
<b>Purification</b>	Immunogen affinity purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB, IHC-P
<b>Format</b>	Liquid
<b>Size</b>	100 µg
<b>Buffer</b>	pH: 7.40; Constituent: PBS
<b>Preservative</b>	0.02% Sodium Azide
<b>Storage</b>	Store at 4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

## GENE INFORMATION

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<b>Gene Name</b>	<a href="#">POU3F4 POU class 3 homeobox 5 [ <i>Rattus norvegicus</i> ]</a>
<b>Official Symbol</b>	POU3F4
<b>Synonyms</b>	POU3F4; POU class 3 homeobox 4; RHS2; POU domain, class 3, transcription factor 4; OTF-9; brn-4; oct-9; brain-4; octamer-binding protein 9; RHS2 class III POU protein; octamer-binding transcription factor 9; brain-specific homeobox/POU domain protein 4;
<b>Entrez Gene ID</b>	<a href="#">29589</a>
<b>Protein Refseq</b>	<a href="#">NP_058948.1</a>
<b>UniProt ID</b>	<a href="#">P62516</a>
<b>Function</b>	AT DNA binding; double-stranded DNA binding; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity

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