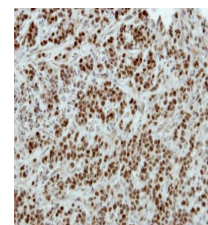


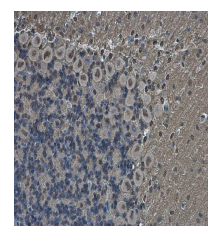
## Product Datasheet

### Brn2 antibody GRP144

<b>Description</b>	POU3F2 belongs to a large family of transcription factors that bind to the octameric DNA sequence ATGCAAAT. Most of these proteins share a highly homologous region, referred to as the POU domain, that occurs in several mammalian transcription factors, including the octamer-binding proteins Oct1 (POU2F1; MIM 164175) and Oct2 (POU2F2; MIM 164176) and the pituitary protein Pit1 (PIT1; MIM 173110). Class III POU genes are expressed predominantly in the central nervous system (CNS). It is likely that CNS-specific transcription factors such as these play an important role in mammalian neurogenesis by regulating their diverse patterns of gene expression (Schreiber et al., 1993 [PubMed 8441633]; Atanasoski et al., 1995 [PubMed 7601453]).[supplied by OMIM]
<b>Species/Host</b>	Rabbit
<b>Reactivity</b>	Human, Mouse, Rat, Monkey
<b>Conjugation</b>	Unconjugated
<b>Tested Applications</b>	ChIP, ICC, IF, IHC-Fr, IHC-P, IP, WB
<b>Immunogen</b>	Recombinant protein encompassing a sequence within the C-terminus region of human Brn2. The exact sequence is proprietary.
<b>Form/Appearance</b>	Liquid: 1XPBS, 1% BSA, 20% Glycerol (pH7). 0.025% ProClin 300 was added as a preservative.
<b>Concentration</b>	0.2 mg/ml
<b>Storage</b>	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
<b>Note</b>	For research use only.
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal
<b>Purity</b>	Purified by antigen-affinity chromatography.
<b>Uniprot ID</b>	<b>P20265</b>
<b>Entrez</b>	<b>5454</b>
<b>Dilution Range</b>	WB: 1:500-1:3000, ICC: 1:100-1:1000, IHC-P: 1:100-1:1000, IHC-Fr: 1:100-1:1000, IP: 1:100-1:500



Immunohistochemical analysis of paraffin-embedded TOV-21G xenograft, using Brn2(GRP596) antibody at 1:500 dilution.



Brn2 antibody detects Brn2 protein at nucleus in rat brain by immunohistochemical analysis. Sample: Paraffin-embedded rat brain. Brn2 antibody (GRP596) diluted at 1:500.