

## Brn2 antibody

**Cat. No. GTX114650**

<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG
<b>Applications</b>	WB, ICC/IF, IHC-P, IHC-Fr, IP, ChIP assay
<b>Reactivity</b>	Human, Mouse, Rat, Chimpanzee

References ( 22 )

★★★★☆ Review ( 2 )

Package

100 µl, 25 µl

## Applications

**Application Note**

\*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	1:100-1:1000
IHC-P	1:100-1:1000
IHC-Fr	1:100-1:1000
IP	1:100-1:500
ChIP assay	Assay dependent

Not tested in other applications.

**Calculated MW** 47 kDa. ( [Note](#) )

## Properties

<b>Form</b>	Liquid
<b>Buffer</b>	PBS, 1% BSA, 20% Glycerol
<b>Preservative</b>	0.025% ProClin 300
<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>Concentration</b>	0.2 mg/ml (Please refer to the vial label for the specific concentration.)
<b>Immunogen</b>	Recombinant protein encompassing a sequence within the C-terminus region of human Brn2. The exact sequence is proprietary.
<b>Purification</b>	Purified by antigen-affinity chromatography.
<b>Conjugation</b>	Unconjugated

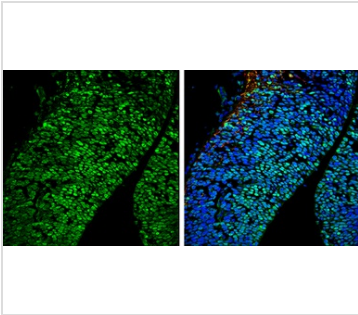
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For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

#### Note

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

#### DATA IMAGES



#### GTX114650 IHC-Fr Image

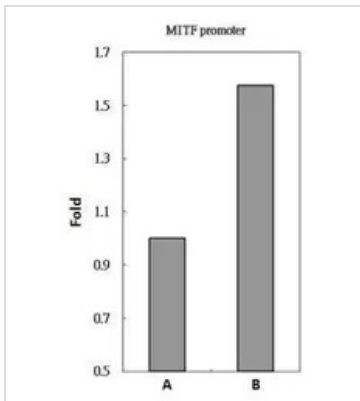
Brn2 antibody detects Brn2 protein expression at nucleus by immunohistochemical analysis.

Sample: Frozen sectioned E13.5 Rat brain.

Green: Brn2 protein stained by Brn2 antibody (GTX114650) diluted at 1:250.

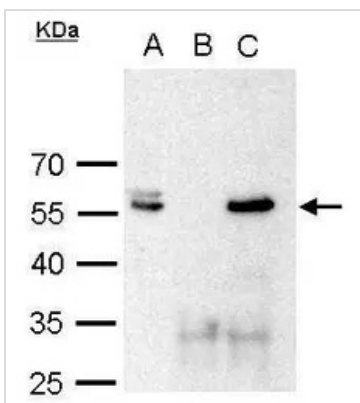
Red: beta Tubulin 3/ TUJ1, a mature neuron marker, stained by beta Tubulin 3/ TUJ1 antibody [GTX11710] (GTX631836) diluted at 1:500.

Blue: Fluoroshield with DAPI (GTX30920).



#### GTX114650 ChIP assay Image

Brn2 antibody immunoprecipitates Brn2 protein-DNA in ChIP experiments. ChIP Sample: 293T whole cell lysate/extract A. 5 µg preimmune rabbit IgG B. 5 µg of Brn2 antibody (GTX114650) The precipitated DNA was detected by PCR with primer set targeting to MITF promoter.



#### GTX114650 IP Image

Brn2 antibody immunoprecipitates Brn2 protein in IP experiments. IP Sample: 1000 µg 293T whole cell lysate/extract A. 50 µg 293T whole cell lysate/extract B. Control with 2 µg of preimmune rabbit IgG C. Immunoprecipitation of Brn2 protein by 2 µg of Brn2 antibody (GTX114650) 10% SDS-PAGE The immunoprecipitated Brn2 protein was detected by Brn2 antibody (GTX114650) diluted at 1:1000. EasyBlot anti-rabbit IgG (GTX221666-01) was used as a secondary reagent.



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