

German Research Products - GRP GmbH

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Product Datasheet

Brn2 antibody GRP144

Description 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]

Species/Host Rabbit

Reactivity Human, Mouse, Rat, Monkey

Conjugation Unconjugated

Tested Applications ChIP, ICC, IF, IHC-Fr, IHC-P, IP, WB

Immunogen Recombinant protein encompassing a sequence within the

C-terminus region of human Brn2. The exact sequence is

proprietary.

Form/Appearance Liquid: 1XPBS, 1% BSA, 20% Glycerol (pH7). 0.025% ProClin 300

was added as a preservative.

Concentration 0.2 mg/ml

Storage 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.

Note For research use only.

Isotype IgG

Clonality Polyclonal

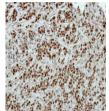
Purity Purified by antigen-affinity chromatography.

Uniprot ID P20265

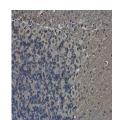
Entrez 5454

Dilution Range 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.