

BRN3C Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP51700**Specification**

BRN3C Antibody - Product Information

Application	WB, E
Primary Accession	O15319
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	37 KDa

BRN3C Antibody - Additional Information**Gene ID** 5459**Other Names**

POU domain, class 4, transcription factor 3, Brain-specific homeobox/POU domain protein 3C, Brain-3C, Brn-3C, POU4F3, BRN3C

Format

0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

Storage

Store at -20 °C. Stable for 12 months from date of receipt

BRN3C Antibody - Protein Information**Name** POU4F3**Synonyms** BRN3C**Function**

Acts as a transcriptional activator (PubMed:18228599). Acts by binding to sequences related to the consensus octamer motif 5'- ATGCAAAT-3' in the regulatory regions of its target genes (PubMed:18228599). Involved in the auditory system development, required for terminal differentiation of hair cells in the inner ear (By similarity).

Cellular Location

Nucleus. Cytoplasm Note=Preferentially localized in the nucleus

Tissue Location

Brain. Seems to be specific to the retina.

BRN3C Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

BRN3C Antibody - Images**BRN3C Antibody - Background**

May play a role in determining or maintaining the identities of a small subset of visual system neurons.

BRN3C Antibody - References

Xiang M.,et al.J. Neurosci. 15:4762-4785(1995).
Vahava O.,et al.Science 279:1950-1954(1998).
Collin R.W.J.,et al.Hum. Mutat. 29:545-554(2008).