

BRN3C Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP51700

Product Information

Application	WB
Primary Accession	Q15319
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	37052

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
Dilution	WB~~1:1000
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

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.

Background

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

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).

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