

POU4F3 / BRN3C Antibody (aa266-295)
Rabbit Polyclonal Antibody
Catalog # ALS17007**Specification**

POU4F3 / BRN3C Antibody (aa266-295) - Product Information

Application	IHC, WB
Primary Accession	Q15319
Other Accession	5459
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	37052

POU4F3 / BRN3C Antibody (aa266-295) - Additional Information**Gene ID** 5459**Other Names**

POU4F3, Brain-3C, BRN3C, POU class 4 homeobox 3, Brn-3C, DFNA15

Target/Specificity

Human POU4F3 / BRN3C

Reconstitution & Storage

PBS, 0.09% sodium azide. Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

POU4F3 / BRN3C Antibody (aa266-295) is for research use only and not for use in diagnostic or therapeutic procedures.

POU4F3 / BRN3C Antibody (aa266-295) - 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

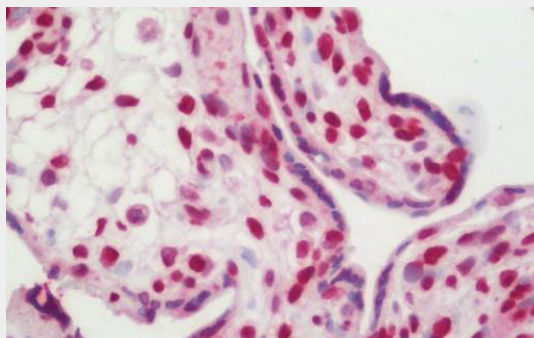
Tissue Location

Brain. Seems to be specific to the retina.

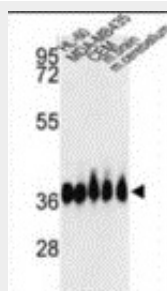
POU4F3 / BRN3C Antibody (aa266-295) - Protocols

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](#)

POU4F3 / BRN3C Antibody (aa266-295) - Images

Human Placenta: Formalin-Fixed, Paraffin-Embedded (FFPE)



Western blot of POU4F3 Antibody (C-term) in HL-60, MDA-MB435, CEM cell line and mouse...

POU4F3 / BRN3C Antibody (aa266-295) - Background

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

POU4F3 / BRN3C Antibody (aa266-295) - 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).