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Anti-BRN3C Antibody

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	BRN3C; POU domain, class 4, transcription factor 3; Brain-specific homeobox/POU domain protein 3C; Brain-3C; Brn-3C
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human BRN3C. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000)
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

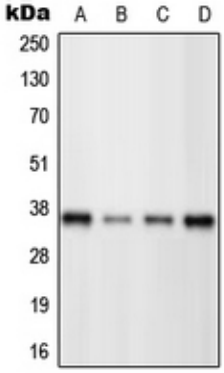
Protein Information

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.

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).

Images



Western blot analysis of BRN3C expression in HeLa (A), Jurkat (B), Raw264.7 (C), H9C2 (D) whole cell lysates. (Predicted band size: 37 kD; Observed band size: 37 kD)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.