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Pou4f3 antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI10459

Product Information

Application	WB
Primary Accession	Q63955
Other Accession	NM_138945, NP_620395
Reactivity	Human, Mouse, Rat, Zebrafish, Pig, Dog, Bovine
Predicted	Rat, Zebrafish, Pig, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	37016

Additional Information

Gene ID	18998
Alias Symbol	Brn3.1, Brn3c, ddl, dreidel
Other Names	POU domain, class 4, transcription factor 3, Brain-specific homeobox/POU domain protein 3C, Brain-3C, Brn-3C, Pou4f3, Brn-3c, Brn3c
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-Pou4f3 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	Pou4f3 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	Pou4f3 {ECO:0000312|MGI:MGI:102523}
Function	Acts as a transcriptional activator (PubMed: 7935408, PubMed:8290353). Acts by binding to sequences related to the consensus octamer motif 5'-ATGCAAAT-3' in the regulatory regions of its target genes (PubMed:7935408). Involved in the auditory system development, required for terminal differentiation of hair cells in the inner ear (PubMed:8637595).
Cellular Location	Nucleus {ECO:0000250|UniProtKB:Q15319}. Cytoplasm {ECO:0000250|UniProtKB:Q15319}. Note=Preferentially localized in the nucleus. {ECO:0000250|UniProtKB:Q15319}

Tissue Location	Brain.

Images

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