

Pou4f3 antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI10459**Specification**

Pou4f3 antibody - N-terminal region - Product Information

Application	WB
Primary Accession	Q63955
Other Accession	NM_138945 , NP_620395
Reactivity	Human, Mouse, Rat, Zebrafish, Pig, Horse, Bovine, Dog
Predicted	Rat, Zebrafish, Pig, Bovine, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	37kDa KDa

Pou4f3 antibody - N-terminal region - 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.

Pou4f3 antibody - N-terminal region - Protein Information**Name** Pou4f3 {ECO:0000312|MGI:MGI:102523}**Function**

Acts as a transcriptional activator (PubMed:8290353, PubMed:7935408). 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}

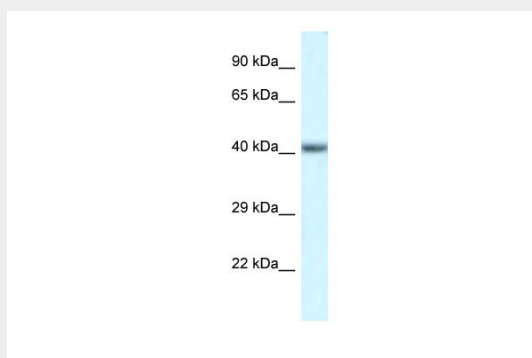
Tissue Location

Brain.

Pou4f3 antibody - N-terminal region - 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 antibody - N-terminal region - Images**WB Suggested Anti-Pou4f3 Antibody**

Titration: 1. µg/ml

Positive Control: Mouse Heart