

# POU3F4 Rabbit pAb

Catalog No.: A17521 **1 Publications**

## Basic Information

### Observed MW

39kDa

### Calculated MW

39kDa

### Category

Primary antibody

### Applications

WB,ELISA

### Cross-Reactivity

Human, Mouse, Rat

## Background

This gene encodes a member of the POU-III class of neural transcription factors. This family member plays a role in inner ear development. The protein is thought to be involved in the mediation of epigenetic signals which induce striatal neuron-precursor differentiation. Mutations in this gene are associated with X chromosome-linked nonsyndromic mixed deafness.

## Recommended Dilutions

**WB** 1:500 - 1:2000

**ELISA** Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

### Gene ID

5456

### Swiss Prot

P49335

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-190 of human POU3F4 (NP\_000298.3).

### Synonyms

BRN4; DFN3; OTF9; BRN-4; DFNX2; OCT-9; OTF-9; BRAIN-4; POU3F4

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

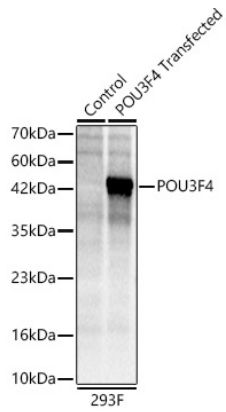
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.

## Validation Data

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Western blot analysis of lysates from wild type (WT) and 293F cells transfected with POU3F4, using POU3F4 Rabbit pAb (A17521) at 1:2000 dilution.  
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 0.5s.