

Datasheet for ABIN1450033  
**anti-POU3F2 antibody (C-Term)**



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1 Image

## Overview

Quantity:	0.1 mg
Target:	POU3F2
Binding Specificity:	C-Term
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This POU3F2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Enzyme Immunoassay (EIA)

## Product Details

Immunogen:	Rabbit polyclonal POU3F2 antibody was raised against an 18 amino acid peptide near the carboxy terminus of human POU3F2.
Isotype:	IgG
Purification:	Affinity chromatography purified via peptide column

## Target Details

Target:	POU3F2
Alternative Name:	POU3F2 ( <a href="#">POU3F2 Products</a> )
Background:	POU3F2, also commonly known as brain-2, is a member of a family of POU domain genes expressed in mouse brain and is thought to be involved in the development of the neocortex and establishment of neural cell lineage (1,2). Recent studies suggest that POU3F2 may be

## Target Details

involved with the development of neurodegenerative diseases as well as tumor development and proliferation. Along with the neural-lineage-specific transcription factors ASCL1 and MYT1L, POU3F2 can convert fibroblasts to functional neurons in vitro, a form of artificial stem cells termed induced neuronal (iN) cells, suggesting that these cells may be useful in the treatment of neurodegenerative diseases. Synonyms: BRN2, Brain-2, Brain-specific homeobox/POU domain protein 2, Brn-2, Nervous system-specific octamer-binding transcription factor N-Oct-3, OCT7, OTF-7, OTF7, Oct-7, Octamer-binding protein 7, Octamer-binding transcription factor 7, POU domain class 3 transcription factor 2

Molecular Weight: 49 kDa

Gene ID: 5454

NCBI Accession: [NP\\_005595](#)

## Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

Concentration: 1.0 mg/mL

Buffer: PBS containing 0.02 % Sodium Azide as preservative

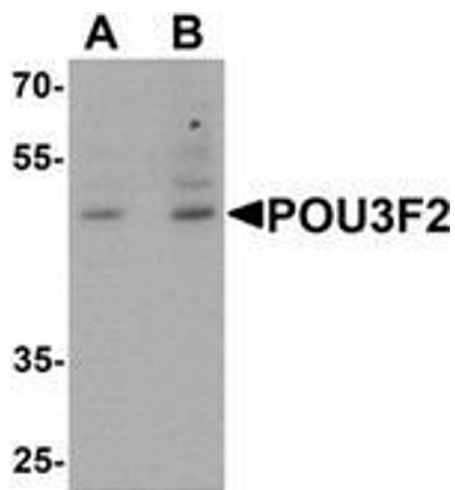
Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

Storage: -20 °C

Storage Comment: Store the antibody (in aliquots) at -20 °C.



Western Blotting

**Image 1.** Western blot analysis of POU3F2 in 3T3 cell lysate with POU3F2 antibody at (A) 1 and (B) 2  $\mu\text{g/mL}$ .