

**DATASHEET**

**POU3F4 Rabbit Polyclonal Antibody**

CAT. NO. APA16548

**KEY FEATURES**

Target	POU3F4	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat	Clonality	Polyclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at -20°C

**BACKGROUND**

Probable transcription factor which exert its primary action widely during early neural development and in a very limited set of neurons in the mature brain.

**APPLICATION**

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:2000
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\*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

**PRODUCT OVERVIEW**

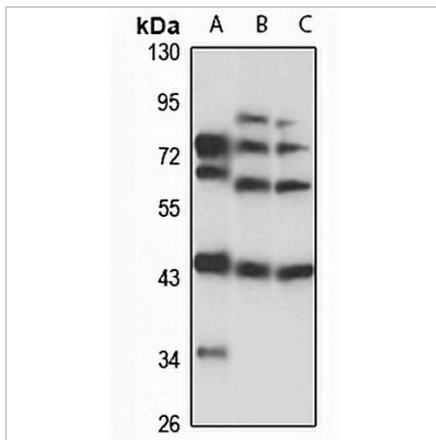
Description	Rabbit polyclonal antibody to POU3F4
Specificity	Recognizes endogenous levels of POU3F4 protein
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human POU3F4. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 39 kD; Observed: 42 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	BRN4; OTF9; POU domain class 3 transcription factor 4; Brain-specific homeobox/POU domain protein 4; Brain-4; Brn-4; Octamer-binding protein 9; Oct-9; Octamer-binding transcription factor 9; OTF-9
Gene Symbol	POU3F4
Entrez Gene	5456(Human); 18994(Mouse); 29589(Rat)
SwissProt	P49335(Human); P62515(Mouse); P62516(Rat)

\*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact [info@arexbio.com](mailto:info@arexbio.com) or your local distributor.

\*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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**DATA**

Western blot analysis of POU3F4 expression in U87MG (A), mouse brain (B), rat brain (C) whole cell lysates. (Predicted band size: 39 kD; Observed band size: 42 kD)

**STORAGE**

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

**NOTE**

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.