

POU4F2 Rabbit pAb

Catalog No.: A19331

Basic Information

Observed MW

Refer to figures

Calculated MW

43kDa

Category

Primary antibody

Applications

ELISA, WB, IF/ICC

Cross-Reactivity

Human, Mouse

Background

The protein encoded by this gene is a member of the POU-domain transcription factor family and may be involved in maintaining visual system neurons in the retina. The level of the encoded protein is also elevated in a majority of breast cancers, resulting in accelerated tumor growth.

Recommended Dilutions

WB	1:500 - 1:1000
IF/ICC	1:50 - 1:200

Immunogen Information

Gene ID

5458

Swiss Prot

Q12837

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 1-100 of human POU4F2 (NP_004566.2).

Synonyms

BRN3B; BRN3.2; Brn-3b; POU4F2

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

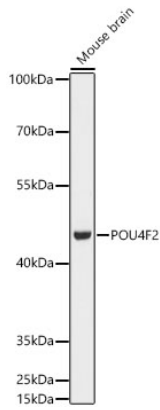
Affinity purification

Storage

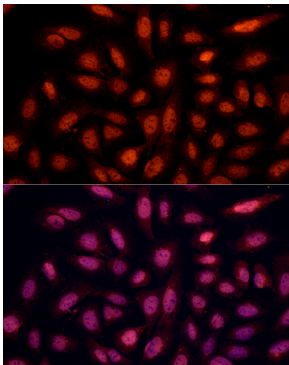
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

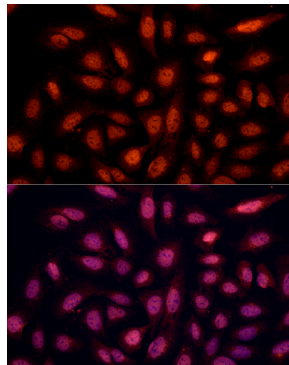
Validation Data



Western blot analysis of lysates from Mouse brain, using POU4F2 Rabbit pAb (A19331) at 1:1000 dilution. Secondary antibody: HRP 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: 1s.



Immunofluorescence analysis of U-2 OS cells using POU4F2 Rabbit pAb (A19331) at dilution of 1:100. Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U2OS cells using POU4F2 Rabbit pAb (A19331) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.