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Datasheet for ABIN6991774
anti-POU3F2 antibody (C-Term)

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), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	Rabbit polyclonal POU3F2 antibody was raised against an 18 amino acid peptide near the carboxy terminus of human POU3F2. The immunogen is located within the last 50 amino acids of POU3F2.
Isotype:	IgG
Specificity:	At least two isoforms are known to exist. This antibody will recognize both isoforms. POU3F2 antibody is predicted to not cross-react with other members of the POU domain class 3 family.
Purification:	POU3F2 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	POU3F2
Alternative Name:	POU3F2 (POU3F2 Products)

Target Details

Background: POU3F2 Antibody: 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. Recent studies suggest that POU3F2 may be 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.

Molecular Weight: 49 kDa

Gene ID: 5454

NCBI Accession: [NP_005595](#)

UniProt: [P20265](#)

Application Details

Application Notes: POU3F2 antibody can be used for detection of POU3F2 by Western blot at 1 - 2 μ g/mL. For immunofluorescence start at 20 μ g/mL.

Antibody validated: Western Blot in mouse samples and Immunofluorescence in human samples. All other applications and species not yet tested.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: POU3F2 Antibody is supplied in PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

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

Storage: -20 °C, 4 °C

Storage Comment: POU3F2 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should

not be exposed to prolonged high temperatures.