

Datasheet for ABIN571161

anti-POU3F3 antibody (Internal Region)

4 Images

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Overview

Quantity:	100 µg
Target:	POU3F3
Binding Specificity:	Internal Region
Reactivity:	Mouse
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This POU3F3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Flow Cytometry (FACS)

Product Details

Purpose:	POU3F3 / BRN1 / OCT8
Immunogen:	Peptide with sequence C-HMLSHAHQWVTAL, from the internal region of the protein sequence according to NP_006227.1.
Sequence:	HMLSHAHQWV TAL
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	POU3F3
Alternative Name:	POU3F3 (POU3F3 Products)
Background:	POU3F3, POU class 3 homeobox 3, BRN1, OTF8, OTF-8, POU domain, class 3, transcription factor 3, brain-1, brain-specific homeobox/POU domain protein 1, brn-1, oct-8, octamer-binding protein 8, octamer-binding transcription factor 8
Gene ID:	5455, 18993, 192109
NCBI Accession:	NP_006227

Application Details

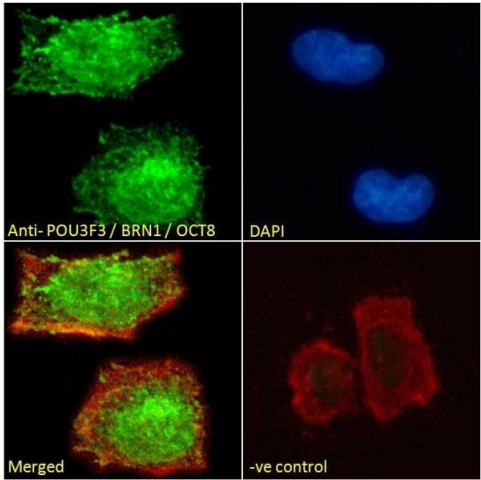
Application Notes:	Western Blot: Approx 48 kDa band observed in Mouse Spinal Cord lysates and approx. 50 kDa in Mouse Brain lysates (calculated MW of 50.3 kDa according to Human NP_006227.1 and 50.2 kDa according to Mouse NP_032926.2). Recommended concentration: 1-3 µg/mL. Pri Peptide ELISA: antibody detection limit dilution 1:4000.
Comment:	Immunofluorescence: Strong expression of the protein seen in the nuclei of Neuro-2a cells. Recommended concentration: 10µg/ml. Flow Cytometry: Flow cytometric analysis of Neuro-2a cells. Recommended concentration: 10ug
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
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:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated

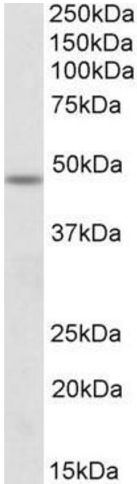
at 4°C for a few weeks and still remain viable.

Images



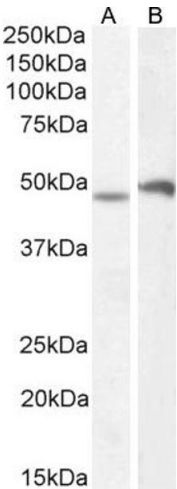
Immunofluorescence

Image 1. (ABIN571161) Immunofluorescence analysis of paraformaldehyde fixed Neuro-2a cells, permeabilized with 0.15 % Triton. Primary incubation 1hr (10 µg/mL) followed by Alexa Fluor 488 secondary antibody (2 µg/mL), showing nuclear staining. Actin filaments were stained



Western Blotting

Image 2. ABIN571161 (1µg/ml) staining of Mouse Spinal Cord lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



Western Blotting

Image 3. (ABIN571161) (1 µg/mL) staining of Mouse Spinal Cord (A) and Brain (B) lysate (35 µg protein in RIPA buffer). Detected by chemiluminescence.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN571161.