

ARG10712 anti-FOX3 / NeuN antibody

Package: 50 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes FOX3 / NeuN
Tested Reactivity	Hu, Ms, Rat, Cow, Hrs, Pig
Predict Reactivity	Chk
Tested Application	ICC/IF, IHC-Fr, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	FOX3 / NeuN
Species	Human
Immunogen	N-terminal 100 aa. of Human Fox3 expressed in and purified from E. coli.
Conjugation	Un-conjugated
Alternate Names	RNA binding protein fox-1 homolog 3; NEUN; FOX-3; HRNBP3; Fox-1 homolog C; FOX3

Application Instructions

Application table	Application	Dilution
	ICC/IF	1:500 - 1:1000
	IHC-Fr	1:500 - 1:1000
	WB	1:5000 - 1:10000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

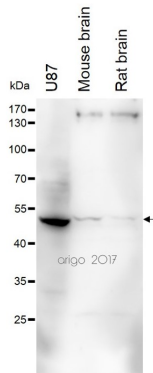
Properties

Form	Liquid
Purification	Affinity purification.
Buffer	PBS and 50% Glycerol.
Stabilizer	50% Glycerol
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

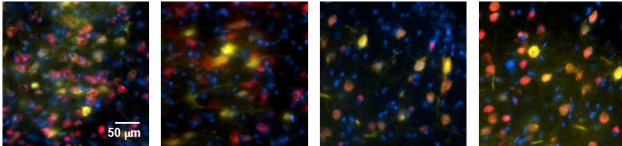
Database links	GeneID: 146713 Human GeneID: 52897 Mouse Swiss-port # A6NFN3 Human Swiss-port # Q8BIF2 Mouse
Gene Symbol	RBFOX3
Gene Full Name	RNA binding protein, fox-1 homolog (C. elegans) 3
Function	RNA-binding protein that regulates alternative splicing events. [UniProt]
Calculated Mw	34 kDa

Images



ARG10712 anti-FOX3 / NeuN antibody WB image

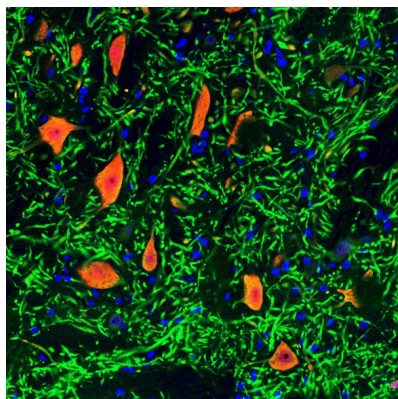
Western blot: 30 µg of U87, Mouse brain and Rat brain lysates stained with ARG10712 anti-FOX3 / NeuN antibody at 1:5000 dilution.



ARG10712 anti-FOX3 / NeuN antibody IHC-Fr image

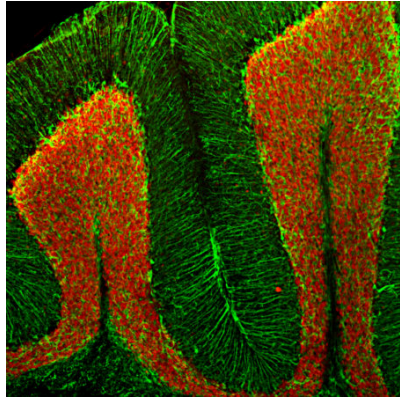
Immunohistochemistry: Frozen section of Mouse C57BL/6Jnar1 brain tissue. The tissue section was fixed by 4% formalin and blocked with BSA with 3% Goat serum, at RT for 1 hour. Tissue section was then stained with ARG10712 anti-FOX3 / NeuN antibody at 1:500 dilution, in PBS with 1% Goat serum, overnight at 4°C.

Blue: DAPI
Yellow: Venus reporter gene
Red: NueN



ARG10712 anti-FOX3 / NeuN antibody IHC-Fr image

Immunohistochemistry: Paraformaldehyde-fixed frozen section of adult Rat brain stem stained with ARG10712 anti-FOX3 / NeuN antibody (red) and co-stained for MAP2 (green). DNA is shown in blue. Note that RPCA-Fox3 stains neuronal nuclei and distal perikarya and that the MAP2 antibody stains the dendrites extending from these cells.



ARG10712 anti-FOX3 / NeuN antibody IHC-Fr image

Immunohistochemistry: Frozen section of Adult Mouse cerebellum stained with ARG10712 anti-FOX3 / NeuN antibody (red) at 1:5000 dilution and costained with [ARG52313](#) anti-GFAP antibody (green) at 1:5000 dilution. (Sample preparation: Following transcardial perfusion with 4% paraformaldehyde, brain was post fixed for 24 hours and 45 μ m free-floating sections were stained with above antibodies.)

The FOX3 / NeuN antibody stains the nuclei of neurons in the cerebellar granule layer. The GFAP antibody stains the processes of Bergmann glia in the molecular layer and astroglia in the granule and white matter layers.
