

ARG52282 anti-FOX1 antibody [1G10]

Package: 50 µl
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody [1G10] recognizes FOX1
Tested Reactivity	Hu, Ms, Rat, Bov
Tested Application	ICC/IF, WB
Host	Mouse
Clonality	Monoclonal
Clone	1G10
Isotype	IgG1
Target Name	FOX1
Species	Human
Immunogen	Recombinant protein taken from the N-terminus of human FOX1 expressed in and purified from E. Coli
Conjugation	Un-conjugated
Alternate Names	RNA binding protein fox-1 homolog 1; HRNBP1; Ataxin-2-binding protein 1; Hexaribonucleotide-binding protein 1; 2BP1; FOX-1; FOX1; Fox-1 homolog A; A2BP1

Application Instructions

Application table	Application	Dilution
	ICC/IF	1:500
	WB	1:5,000
Application Note	Specific for the ~46/48k FOX1 protein doublet. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

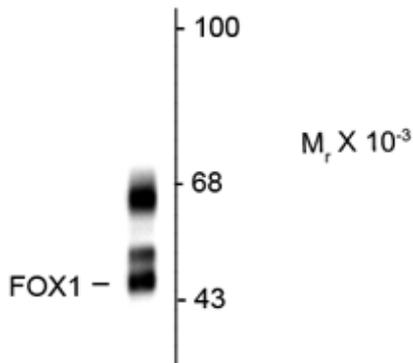
Properties

Form	Liquid
Purification	Affinity Purified
Buffer	PBS and 10 mM Sodium azide
Preservative	10 mM Sodium azide
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 or below. 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

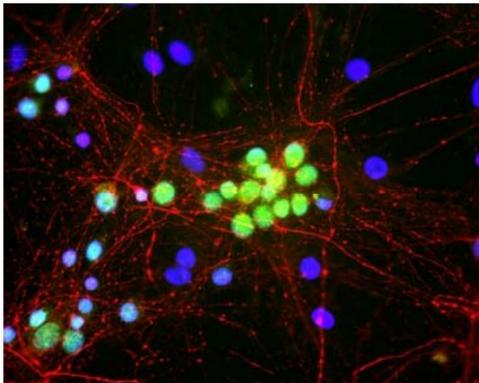
Gene Symbol	RBFOX1
Gene Full Name	RNA binding protein, fox-1 homolog (C. elegans) 1
Background	FOX1, also known as ataxin-2 binding protein 1 (A2BP1), is a neuron specific RNA-binding protein that has been shown to regulate a wide range of alternative splicing events implicated in neuronal development and maturation including transcription factors and synaptic proteins (Fogel et al., 2012). Defects in FOX1 have also been associated with autism (Martin et al., 2007), attention-deficit hyperactivity disorder (Elia et al., 2010) and schizophrenia (Xu et al., 2008).
Research Area	Developmental Biology antibody; Gene Regulation antibody; Neuroscience antibody
Calculated Mw	43 kDa

Images



ARG52282 anti-FOX1 antibody [1G10] WB image

Western Blot: rat cortex lysate showing specific immunolabeling of the ~46/48k FOX1 protein stained with ARG52282 FOX1 antibody [1G10].



ARG52282 anti-FOX1 antibody [1G10] ICC/IF image

Immunofluorescence: cultured rat neurons stained with ARG52282 anti-FOX1 antibody [1G10] showing nuclear and distal cytoplasmic staining of FOX1 in green.