

## ARG45294 anti-RFX3 antibody

Package: 50 µg  
Store at: -20°C

### Summary

Product Description	Polyclonal antibody recognizes RFX3
Tested Reactivity	Hu, Ms, Rat
Tested Application	FACS, ICC/IF, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Target Name	RFX3
Species	Human
Immunogen	Recombinant protein containing to human RFX3.
Conjugation	Un-conjugated
Alternate Names	RFX3; Regulatory Factor X3; Regulatory Factor X, 3 (Influences HLA Class II Expression); Transcription Factor RFX3; DNA Binding Protein RFX3; Regulatory Factor X 3

### Application Instructions

Application table	Application	Dilution
	FACS	1 - 3 µg/10 <sup>6</sup> cells
	ICC/IF	5 µg/ml
	IHC-P	2-5 µg/ml
	WB	0.25-0.5 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	95 kDa	

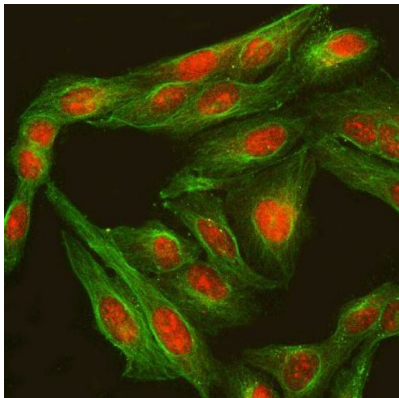
### Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.2% Na <sub>2</sub> HPO <sub>4</sub> , 0.9% NaCl and 4% Trehalose.
Stabilizer	4% Trehalose
Concentration	0.5 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 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.

Bioinformation

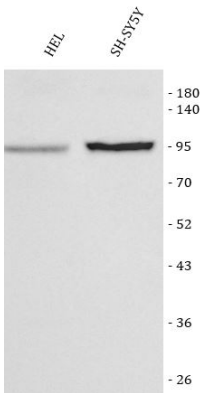
Gene Symbol	RFX3
Gene Full Name	Regulatory Factor X3
Background	This gene is a member of the regulatory factor X gene family, which encodes transcription factors that contain a highly-conserved winged helix DNA binding domain. The protein encoded by this gene is structurally related to regulatory factors X1, X2, X4, and X5. It is a transcriptional activator that can bind DNA as a monomer or as a heterodimer with other RFX family members. Multiple transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, Aug 2013]
Function	Transcription factor required for ciliogenesis and islet cell differentiation during endocrine pancreas development. Essential for the differentiation of nodal monocilia and left-right asymmetry specification during embryogenesis. Required for the biogenesis of motile cilia by governing growth and beating efficiency of motile cells. Also required for ciliated ependymal cell differentiation. Regulates the expression of genes involved in ciliary assembly (DYNC2LI1, FOXJ1 and BBS4) and genes involved in ciliary motility (DNAH11, DNAH9 and DNAH5). [UniProt]
Calculated Mw	84 kDa
Cellular Localization	Nucleus. [UniProt]

Images



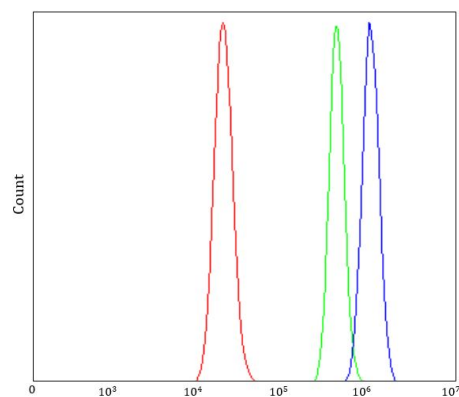
ARG45294 anti-RFX3 antibody ICC/IF image

Immunofluorescence: U2OS stained with ARG45294 anti-RFX3 antibody at 5 ug/ml dilution.



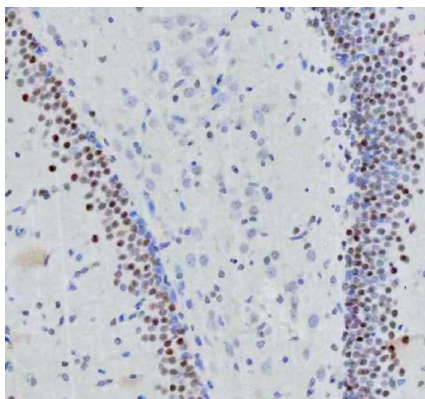
ARG45294 anti-RFX3 antibody WB image

Western blot: HEL and SH-SY5Y stained with ARG45294 anti-RFX3 antibody at 0.5 µg/ml dilution.



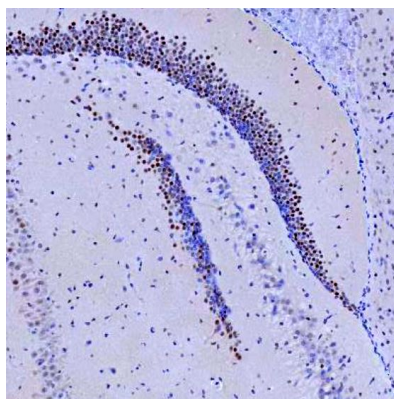
ARG45294 anti-RFX3 antibody FACS image

Flow Cytometry: RT4 stained with ARG45294 anti-RFX3 antibody at  $1 \mu\text{g}/10^6$  cells dilution.



ARG45294 anti-RFX3 antibody IHC-P image

Immunohistochemistry: Rat brain stained with ARG45294 anti-RFX3 antibody at  $2 \mu\text{g}/\text{ml}$  dilution.



ARG45294 anti-RFX3 antibody IHC-P image

Immunohistochemistry: Mouse brain stained with ARG45294 anti-RFX3 antibody at  $2 \mu\text{g}/\text{ml}$  dilution.