

## ARG45580 anti-FoxJ1 antibody

Package: 50 µg  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes FoxJ1
Tested Reactivity	Hu, Rat
Tested Application	FACS, ICC/IF, IHC-P, WB
Specificity	FoxJ1
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	FoxJ1
Species	Human
Immunogen	Recombinant protein containing to human FoxJ1.
Conjugation	Un-conjugated
Alternate Names	FOXJ1; Forkhead Box J1; HFH-4; HFH4; FKHL13; Hepatocyte Nuclear Factor 3 Forkhead Homolog 4; Forkhead-Related Protein FKHL13; Forkhead Box Protein J1; Forkhead Transcription Factor HFH-4; Fork Head Homologue 4; Forkhead-Like 13; CILD43

### 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	55 kDa	

### Properties

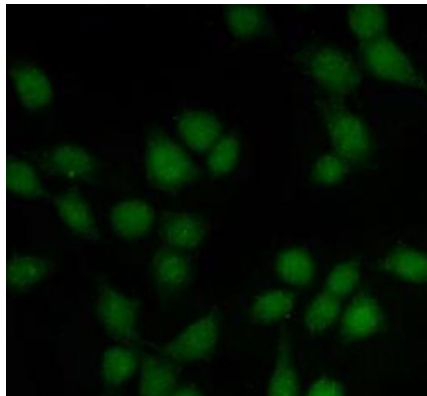
Form	Powder
Purification	Affinity purified
Buffer	0.2% Na <sub>2</sub> HPO <sub>4</sub> , 0.9% NaCl and 4% Trehalose.
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml

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.
Note	For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

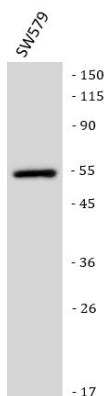
Gene Symbol	FOXJ1
Gene Full Name	Forkhead Box J1
Background	This gene encodes a member of the forkhead family of transcription factors. Similar genes in zebrafish and mouse have been shown to regulate the transcription of genes that control the production of motile cilia. The mouse ortholog also functions in the determination of left-right asymmetry. Polymorphisms in this gene are associated with systemic lupus erythematosus and allergic rhinitis.[provided by RefSeq, Sep 2009]
Function	Transcription factor specifically required for the formation of motile cilia. Acts by activating transcription of genes that mediate assembly of motile cilia, such as CFAP157. Binds the DNA consensus sequences 5'-HWDGTTTGTTA-3' or 5'-KTTTGTTGTTKW-3' (where H is not G, W is A or T, D is not C, and K is G or T). Activates the transcription of a variety of ciliary proteins in the developing brain and lung. [UniProt]
Calculated Mw	45 kDa
Cellular Localization	Nucleus. [UniProt]

## Images



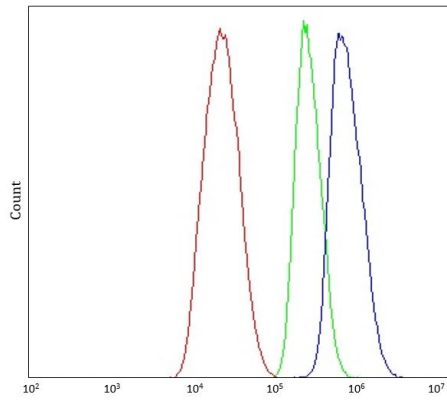
ARG45580 anti-FoxJ1 antibody ICC/IF image

Immunofluorescence: CACO-2 stained with ARG45580 anti-FoxJ1 antibody at 5 µg/ml dilution.



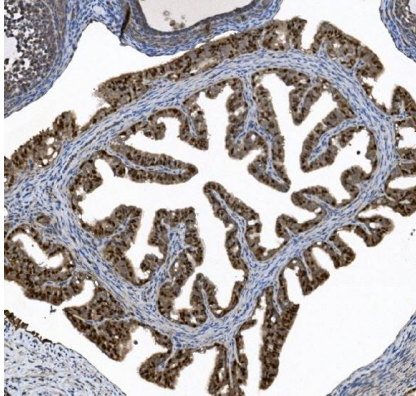
ARG45580 anti-FoxJ1 antibody WB image

Western blot: SW579 stained with ARG45580 anti-FoxJ1 antibody at 0.5 µg/ml dilution.



ARG45580 anti-FoxJ1 antibody FACS image

Flow Cytometry: HepG2 stained with ARG45580 anti-FoxJ1 antibody at  $1 \mu\text{g}/10^6$  cells dilution.



ARG45580 anti-FoxJ1 antibody IHC-P image

Immunohistochemistry: Rat ovary stained with ARG45580 anti-FoxJ1 antibody at  $2 \mu\text{g}/\text{ml}$  dilution.



ARG45580 anti-FoxJ1 antibody WB image

Western blot: PC-12 stained with ARG45580 anti-FoxJ1 antibody at  $0.5 \mu\text{g}/\text{ml}$  dilution.