

ARG63880 anti-IFT88 / Polaris antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes IFT88 / Polaris
Tested Reactivity	Hu, Ms
Predict Reactivity	Dog, Rat
Tested Application	FACS, ICC/IF, IHC-P, WB
Specificity	This antibody is expected to recognise both reported isoforms (NP_783195.2; NP_006522.2)
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	IFT88 / Polaris
Species	Human
Immunogen	C-KKRIDEDDFAEDEE
Conjugation	Un-conjugated
Alternate Names	Recessive polycystic kidney disease protein Tg737 homolog; hTg737; D13S1056E; Intraflagellar transport protein 88 homolog; TG737; TPR repeat protein 10; TTC10; Tetratricopeptide repeat protein 10; DAF19

Application Instructions

Application table	Application	Dilution
	FACS	10 µg/ml
	ICC/IF	10 µg/ml
	IHC-P	3 µg/ml
	WB	0.3 - 1 µg/ml
Application Note	IHC-P: Antigen Retrieval: Microwaved tissue section in Tris/EDTA buffer (pH 9.0). WB: Recommend incubate at RT for 1h. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

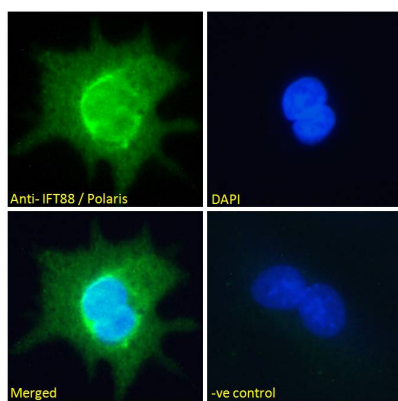
Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide

Stabilizer	0.5% BSA
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

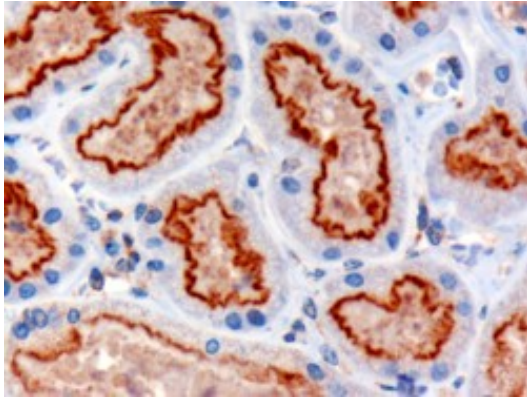
Database links	GeneID: 21821 Mouse GeneID: 8100 Human Swiss-port # Q13099 Human Swiss-port # Q61371 Mouse
Background	This gene encodes a member of the tetratricopeptide repeat (TPR) family. Mutations of a similar gene in mouse can cause polycystic kidney disease. Two transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq, Jul 2008]
Highlight	Related products: Anti-Goat IgG secondary antibodies; Related news: Gene therapy for retinitis pigmentosa (RP)
Research Area	Gene Regulation antibody
Calculated Mw	94 kDa

Images



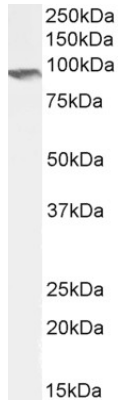
ARG63880 anti-IFT88 / Polaris antibody ICC/IF image

Immunofluorescence: Paraformaldehyde fixed HepG2 cells permeabilized with 0.15% Triton. Cells were stained with ARG63880 anti-IFT88 / Polaris antibody (green) at 10 µg/ml dilution for 1 hour. DAPI (blue) for nuclear staining. Negative control: Unimmunized goat IgG (green) at 10 µg/ml dilution.



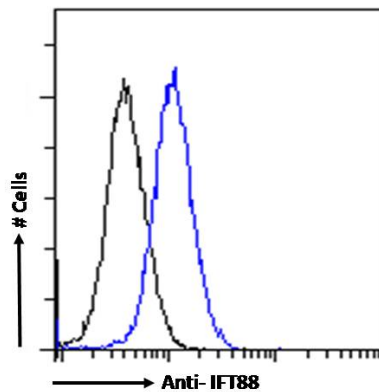
ARG63880 anti-IFT88 / Polaris antibody IHC-P image

Immunohistochemistry: paraffin embedded Human Kidney. (Microwaved antigen retrieval with Tris/EDTA buffer pH9) stained with ARG63880 anti-IFT88 / Polaris antibody at 3 µg/ml dilution followed by HRP-staining.



ARG63880 anti-IFT88 / Polaris antibody WB image

Western blot: 35 µg of Human kidney lysate (in RIPA buffer) stained with ARG63880 anti-IFT88 / Polaris antibody at 0.5 µg/ml dilution and incubated at RT for 1 hour.



ARG63880 anti-IFT88 / Polaris antibody FACS image

Flow Cytometry: Paraformaldehyde-fixed HepG2 cells permeabilized with 0.5% Triton. Cells were stained with ARG63880 anti-IFT88 / Polaris antibody (blue line) at 10 µg/ml dilution for 1 hour, followed by incubation with Alexa FluorR 488 labelled secondary antibody. IgG control: Unimmunized goat IgG (black line).



ARG63880 anti-IFT88 / Polaris antibody WB image

Western blot: 35 µg of HepG2 (A) and NIH/3T3 (B) cell lysates (in RIPA buffer) stained with ARG63880 anti-IFT88 / Polaris antibody at 0.5 µg/ml dilution and incubated at RT for 1 hour.