

Rabbit anti-Human IFT172 Polyclonal Antibody | anti-IFT172 antibody

IFT172 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA234898	Rabbit	Human	Immunofluorescence, Immunohistochemistry, ELISA

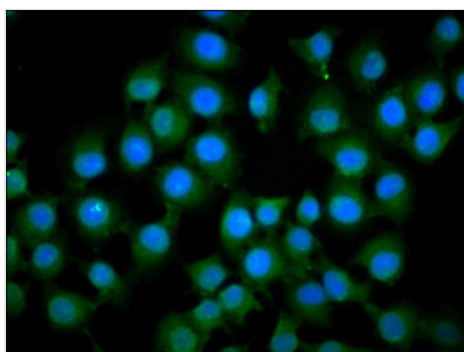
PRODUCT SYNONYMS

IFT172; Polyclonal Antibody; IFT172 Antibody; Intraflagellar transport protein 172 homolog; KIAA1179; anti-IFT172 antibody

PRODUCT SPECIFICATIONS

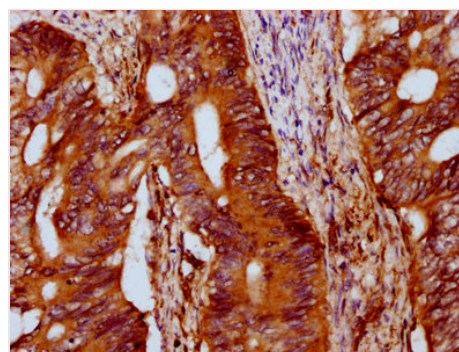
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	1749
Applicable Applications for anti-IFT172 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human Intraflagellar transport protein 172 homolog protein (1368-1502AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



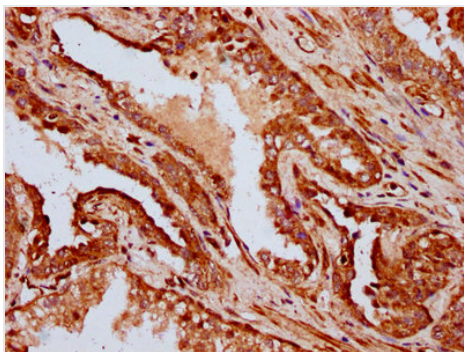
IHC (Immunohistochemistry)

Immunofluorescence staining of A549 cells with AAA234898 at 1:133, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).



IHC (Immunohistochemistry)

IHC image of AAA234898 diluted at 1:400 and staining in paraffin-embedded human colon cancer performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



IHC (Immunohistochemistry)

IHC image of AAA234898 diluted at 1:400 and staining in paraffin-embedded human prostate cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

ADDITIONAL INFORMATION

Related Product Information for anti-IFT172 antibody	Required for the maintenance and formation of cilia. Plays an indirect role in hedgehog (Hh) signaling, cilia being required for all activity of the hedgehog pathway (By similarity).
Product Categories/Family for anti-IFT172 antibody	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	46358428
NCBI GeneID	26160
NCBI Accession #	NP_056477.1
NCBI GenBank Nucleotide #	NM_015662.2
UniProt Accession #	Q9UG01 ; Q86X44 ; Q96HW4 ; Q9UFJ9 ; Q9ULP1 ; A5PKZ0 ; B2RNU5
Molecular Weight	59,659 Da
NCBI Official Full Name	intraflagellar transport protein 172 homolog
NCBI Official Synonym Full Names	intraflagellar transport 172
NCBI Official Symbol	IFT172
NCBI Official Synonym Symbols	SLB; wim; RP71; BBS20; osm-1; NPHP17; SRTD10
NCBI Protein Information	intraflagellar transport protein 172 homolog
UniProt Protein Name	Intraflagellar transport protein 172 homolog
UniProt Gene Name	IFT172
UniProt Synonym Gene Names	KIAA1179

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/ift172-antibody-immunofluorescence-immunohistochemistry-elisa/234898>