

Goat CMG1/CCDC2/IFT74 Polyclonal Antibody | anti-IFT74 antibody

Goat anti-CMG1/CCDC2/IFT74 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA61299	Goat	Tested: Human, Rat; Expected from sequence similarity: Human, Rat	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

CMG1/CCDC2/IFT74; Polyclonal Antibody; Goat anti-CMG1/CCDC2/IFT74 Antibody; IFT74; CCDC2; CMG-1; FLJ22621; MGC111562; intraflagellar transport 74 homolog (Chlamydomonas); capillary morphogenesis protein 1; coiled-coil domain containing 2; CMG1; IFT74 antibody; CCDC2 antibody; CMG-1 antibody; FLJ22621 antibody; MGC111562 antibody; intraflagellar transport 74 homolog (Chlamydomonas) antibody; capillary morphogenesis protein 1 antibody; coiled-coil domain containing 2 antibody; CMG1 antibody; CMG1 / CCDC2 / IFT74; anti-IFT74 antibody

PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Tested: Human, Rat; Expected from sequence similarity: Human, Rat
Clonality	Polyclonal
Purity/Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Form/Format	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Concentration	100ug specific antibody in 200ul (varies by lot)
Sequence	KTIVDALHST SGN
Sequence Length	600
Applicable Applications for anti-IFT74 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA (Peptide ELISA)
Immunogen	Peptide with sequence C-KTIVDALHSTSGN, from the C Terminus of the protein sequence according to NP_001092692.1; NP_001092693.1; NP_079379.2; AAK77221.1.
Epitope	C Terminus
Preparation and Storage	Aliquot and store at -20 degree C. Minimize freezing and thawing.

IMAGES



IF (Immunofluorescence)

A) (2.5mg/ml) staining of primary rat cortical neurons showed localization of IFT74 to vesicles in the cell body and along the neuronal processes. B) Control. (Data were kindly provided by Dr. Bryan Traynor.



IHC (Immunohistochemistry)

5ug/ml staining of paraffin embedded Human Liver. Steamed antigen retrieval with citrate buffer pH 6, AP-staining. Figure 2: (2.5mg/ml) staining of primary rat cortical neurons showed localization of IFT74 to vesicles in the cell body and along the neuronal processes. B) Control. (Data were kindly provided by Dr. Bryan Traynor.



WB (Western Blot)

Staining (0.3ug/ml) of 293 lysate (RIPA buffer, 35ug total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.

NCBI AND UNIPROT INFORMATION

NCBI GI #	151105223
NCBI GeneID	80173
NCBI Accession #	NP_001092692.1; NP_001092693.1; NP_079379.2; AAK77221.1
NCBI GenBank Nucleotide #	NM_001099222.1
Molecular Weight	42,332 Da
NCBI Official Full Name	intraflagellar transport protein 74 homolog isoform a
NCBI Official Synonym Full Names	intraflagellar transport 74
NCBI Official Symbol	IFT74
NCBI Official Synonym Symbols	CMG1; CCDC2; CMG-1
NCBI Protein Information	intraflagellar transport protein 74 homolog
UniProt Protein Name	Intraflagellar transport protein 74 homolog
UniProt Gene Name	IFT74
UniProt Synonym Gene Names	CCDC2; CMG1; CMG-1
UniProt Entry Name	IFT74_HUMAN

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://stage.aaabiotech.com/polyclonal/cmg1-ccdc2-ift74-antibody-immunofluorescence-immunohistochemistry-western-blot-peptide-elisa-elisa/61299>