

IFT74 Polyclonal Antibody

Catalog Number:E-AB-16349

Note: Centrifuge before opening to ensure complete recovery of vial contents.

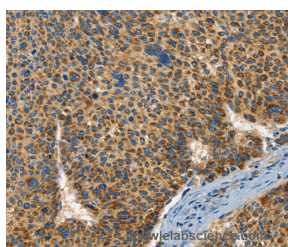
Description

Reactivity	Human
Immunogen	Synthetic peptide of human IFT74
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Formulation	PBS with 0.05% sodium azide and 50% glycerol, PH7.4

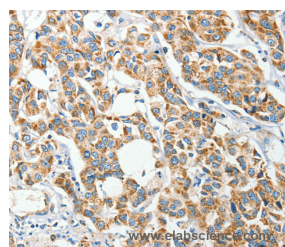
Applications Recommended Dilution

IHC	1:50-1:200
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Data



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using IFT74 Polyclonal Antibody at dilution 1:60



Immunohistochemistry of paraffin-embedded Human breast cancer tissue using IFT74 Polyclonal Antibody at dilution 1:60

Preparation & Storage

Storage	Store at -20°C. Avoid freeze / thaw cycles.
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Background

Capillary morphogenesis protein 1 (CMG1), also known as intraflagellar transport protein 74 (ITP74) or coiled-coil domain-containing protein 2 (CCDC2), is a 600 amino acid human homologue of IFT-71, a complex B protein supporting intraflagellar transport (IFT) in *Chlamydomonas*. CMG1 localizes to the cytoplasmic vesicle and is highly expressed in adult and fetal kidney and testis, with lower levels of expression in adult heart, placenta, lung, liver and pancreas, and in fetal heart, lung and liver. CMG1 has been suggested to have a role in the primary cilia of HUVEC, and it also functions as a transcriptional regulator of cyclin D2 in spermatocyte-derived cells.

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