CEP104 Antibody

Catalog No: #46473

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

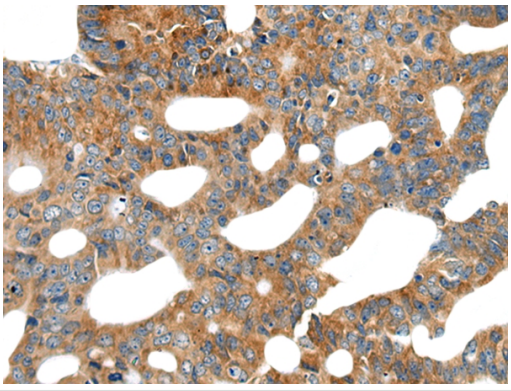
Description

Product Name	CEP104 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total CEP104 protein.
Immunogen Type	peptide
Immunogen Description	Synthetic peptide corresponding to internal residues of human CEP104
Target Name	CEP104
Other Names	GlyBP; ROC22; JBTS25; CFAP256; KIAA0562
Accession No.	Swiss-Prot:O60308 NCBI Gene ID:9731NCBI Protein:NP_055519
Uniprot	O60308
GeneID	9731;
Concentration	0.8mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Storage	Store at -20°C

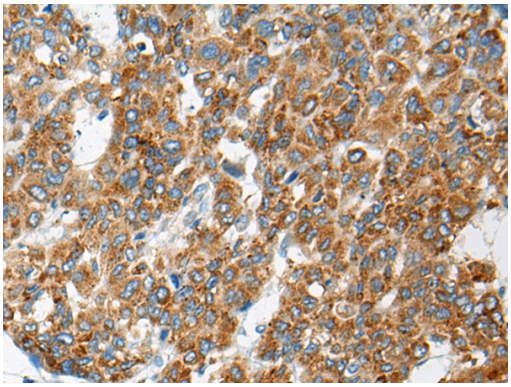
Application Details

Immunohistochemistry: 1: 25-100

Images



The image on the left is immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using 46473(CEP104 Antibody) at dilution 1/25, on the right is treated with synthetic peptide. (Original magnification: x200)



The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using 46473(CEP104 Antibody) at dilution 1/25, on the right is treated with synthetic peptide. (Original magnification: x200)

Background

This gene encodes a centrosomal protein required for ciliogenesis and for ciliary tip structural integrity. The mammalian protein contains three amino-terminal hydrophobic domains, two glycosylation sites, four cysteine-rich motifs, and two regions with homology to the glutamate receptor ionotropic, NMDA 1 protein. During ciliogenesis, the encoded protein translocates from the distal tips of the centrioles to the tip of the elongating cilium. Knockdown of the protein in human retinal pigment cells results in severe defects in ciliogenesis with structural deformities at the ciliary tips. Allelic variants of this gene are associated with the autosomal-recessive disorder Joubert syndrome, which is characterized by a distinctive mid-hindbrain and cerebellar malformation, oculomotor apraxia, irregular breathing, developmental delay, and ataxia.

Note: This product is for in vitro research use only