CEP170 Antibody

Catalog No: #46474

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

Description

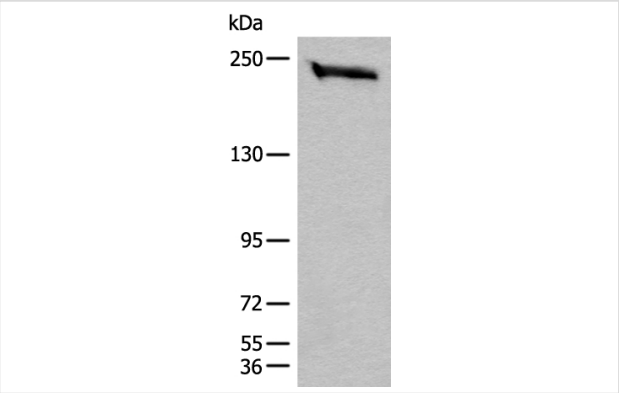
Product Name	CEP170 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification
Applications	WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total CEP170 protein.
Immunogen Type	peptide
Immunogen Description	Synthetic peptide corresponding to residues near the C terminal of human CEP170
Target Name	CEP170
Other Names	KAB; FAM68A; KIAA0470
Accession No.	Swiss-Prot:Q5SW79NCBI Gene ID:9859NCBI Protein:NP_055627
Uniprot	Q5SW79
GeneID	9859;
Calculated MW	175 kDa
Concentration	0.8mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Storage	Store at -20°C

Application Details

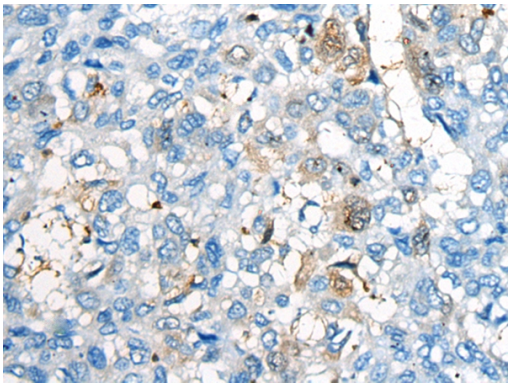
Western blotting: 1:200-1:1000

Immunohistochemistry: 1: 10-50

Images



Gel: 6%SDS-PAGE
lysate: 40 B¦Γ g, Lane: PC-3 cell lysate,
Primary antibody: 46474B£B¨CEP170 Antibody) at dilution 1/350
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution,
Exposure time: 1 minute



The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using 46474(CEP170 Antibody) at dilution 1/25, on the right is treated with synthetic peptide. (Original magnification: x200)

Background

The product of this gene is a component of the centrosome, a non-membraneous organelle that functions as the major microtubule-organizing center in animal cells. During interphase, the encoded protein localizes to the sub-distal appendages of mature centrioles, which are microtubule-based structures thought to help organize centrosomes. During mitosis, the protein associates with spindle microtubules near the centrosomes. The protein interacts with and is phosphorylated by polo-like kinase 1, and functions in maintaining microtubule organization and cell morphology. The human genome contains a putative transcribed pseudogene. Several alternatively spliced transcript variants of this gene have been found, but the full-length nature of some of these variants has not been determined.

Note: This product is for in vitro research use only