

Product datasheet for **TA372223**

CEP170 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 200-1000 WB positive control: PC-3 cell lysate IHC: 10-50 Positive control: Human liver cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human CEP170
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	175 kDa
Gene Name:	centrosomal protein 170
Database Link:	Entrez Gene 9859 Human Q5SW79



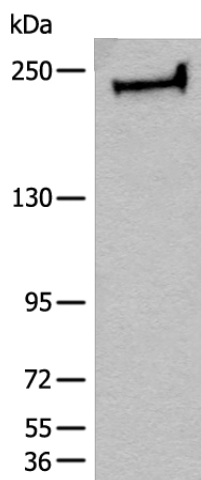
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Background:

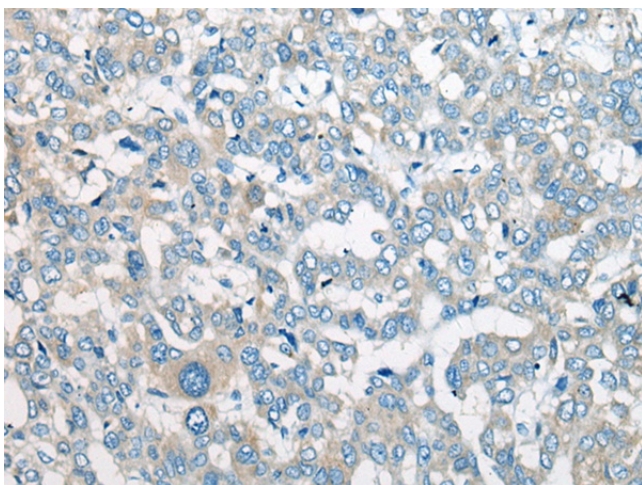
The product of this gene is a component of the centrosome, a non-membraneous organelle that functions as the major microtubule-organizing center in animal cells. During interphase, the encoded protein localizes to the sub-distal appendages of mature centrioles, which are microtubule-based structures 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.

Synonyms:

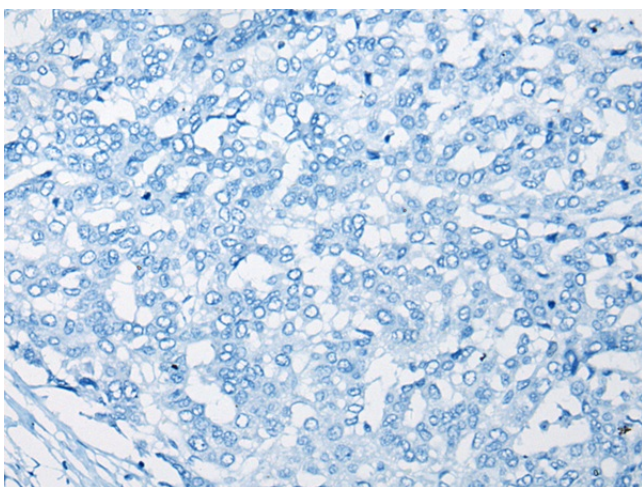
FAM68A; KAB; KIAA0470

Product images:


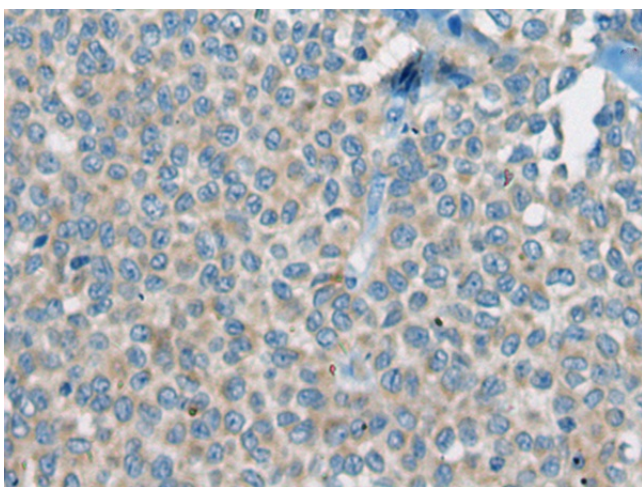
Gel: 6%SDS-PAGE
Lysate: 40 µg
Lane: PC-3 cell lysate
Primary antibody: TA372223 (CEP170 Antibody) at dilution 1/300
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution
Exposure time: 1 minute



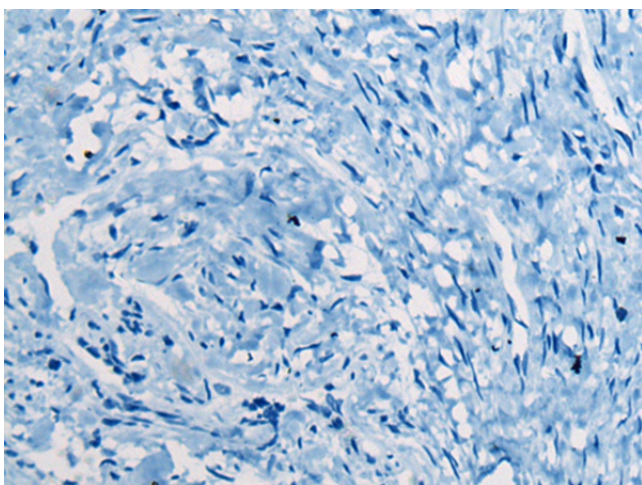
Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA372223 (CEP170 Antibody) at dilution 1/25 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA372223 (CEP170 Antibody) at dilution 1/25, treated with synthetic peptide. (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using TA372223 (CEP170 Antibody) at dilution 1/25 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using TA372223 (CEP170 Antibody) at dilution 1/25, treated with synthetic peptide. (Original magnification: ×200)