[KO Validated] CETN2 Rabbit Polyclonal Antibody

CAB5397

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

20KDa

Calculated MW:

19kDa

Applications:

WB IF

Reactivity:

Human, Mouse, Rat

Antibody Information

Recommended dilutions:
WB 1:500 - 1:2000 IF 1:50 - 1:200

Source:
Rabbit

Isotype:
IgG

Purification:
Affinity purification

Protein Background

Caltractin belongs to a family of calcium-binding proteins and is a structural component of the centrosome. The high level of conservation from algae to humans and its association with the centrosome suggested that caltractin plays a fundamental role in the structure and function of the microtubule-organizing center, possibly required for the proper duplication and segregation of the centrosome.

Immunogen information

Gene ID:
1069

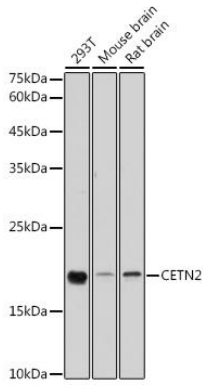
Uniprot
P41208

Synonyms:
CETN2; CALT; CEN2; centrin-2

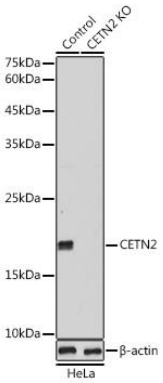
Immunogen:
Recombinant fusion protein containing a sequence corresponding to amino acids 1-172 of human CETN2 (NP_004335.1).

Storage:
Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

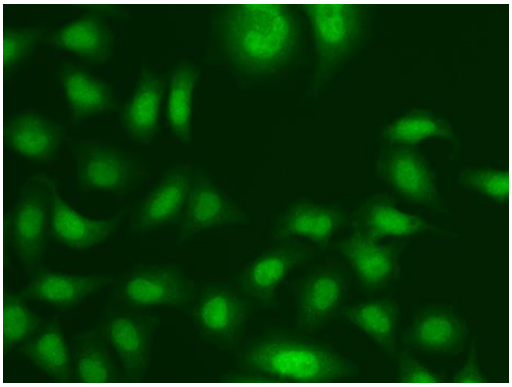
Product Images



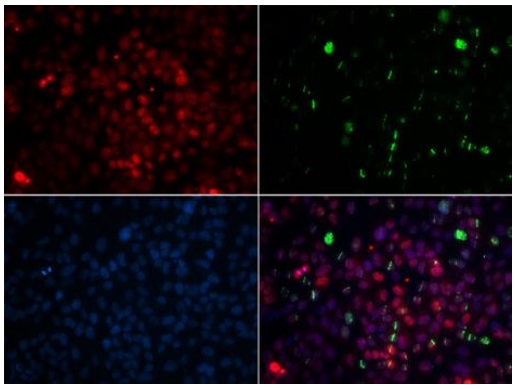
Western blot analysis of extracts of various cell lines, using CETN2 antibody (CAB5397) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 180s.



Western blot analysis of extracts from normal (control) and CETN2 knockout (KO) HeLa cells, using CETN2 antibody (CAB5397) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 180s.



Immunofluorescence analysis of A549 cells using CETN2 antibody (CAB5397).



Immunofluorescence analysis of GFP-RNF168 transgenic U2OS cells using CETN2 antibody (CAB5397). GFP-RNF168 fusion protein expression for DNA damage marker.Blue: DAPI for nuclear staining. RNF168 (GFP) can be used to mark cells damaged by UV-A laser for they always gather around DNA damage region.

