## **CETN3 Rabbit Polyclonal Antibody**



## **CAB8111**

**Product Information** 

Size:

20uL, 50uL, 100uL, 200uL

**Observed MW:** 

20kDa

Calculated MW:

19kDa

**Applications:** 

WB IHC IF

Reactivity:

Human, Mouse, Rat

**Protein Background** 

The protein encoded by this gene contains four EF-hand calcium binding domains, and is a member of the centrin protein family. Centrins are evolutionarily conserved proteins similar to the CDC31 protein of S. cerevisiae. Yeast CDC31 is located at the centrosome of interphase and mitotic cells, where it plays a fundamental role in centrosome duplication and separation. Multiple forms of the proteins similar to the yeast centrin have been identified in human and other mammalian cells, some of which have been shown to be associated with centrosome fractions. This protein appears to be one of the most abundant centrins associated with centrosome, which suggests a similar function to its yeast counterpart. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

Immunogen information

Gene ID: 1070

Uniprot O15182

**Antibody Information** 

**Recommended dilutions:** 

WB 1:500 - 1:2000 IHC 1:50 - 1:100 IF 1:50 - 1:200

Source:

Rabbit

Isotype:

IgG

Synonyms:

CETN3; CDC31; CEN3; centrin-3

Immunogen:

Recombinant fusion protein containing a sequence corresponding

to amino acids 1-167 of human CETN3 (NP\_004356.2).

Storage:

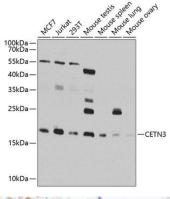
Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02%

sodium azide, 50% glycerol, pH7.3.

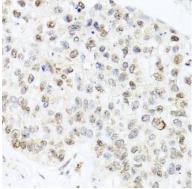
**Purification:** 

Affinity purification

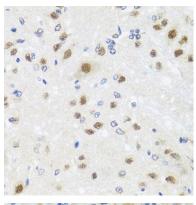
## **Product Images**



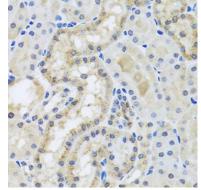
Western blot analysis of extracts of various cell lines, using CETN3 antibody (CAB8111) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 90s.



Immunohistochemistry of paraffin-embedded human lung cancer using CETN3 antibody (CAB8111) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded rat brain using CETN3 antibody (CAB8111) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse kidney using CETN3 antibody (CAB8111) at dilution of 1:100 (40x lens).