CETN3 Rabbit pAb

Catalog No.: A8111 1 Publications



Basic Information

Observed MW

20kDa

Calculated MW

20kDa

Category

Primary antibody

Applications

WB,IHC-P,IF/ICC,ELISA

Cross-Reactivity

Human, Mouse, Rat

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.

Recommended Dilutions

WB 1:500 - 1:2000

IHC-P 1:50 - 1:100

IF/ICC 1:50 - 1:200

ELISA Recommended starting

concentration is 1 µg/mL.

Please optimize the
concentration based on
your specific assay
requirements.

Immunogen Information

Gene ID Swiss Prot 1070 015182

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

CEN3; CDC31; CETN3

Contact

a		400-999-6126
×		cn.market@abclonal.com.cn
$\overline{\Box}$	ī	www.ahclonal.com.cn

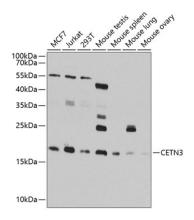
Product Information

SourceIsotypePurificationRabbitIgGAffinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

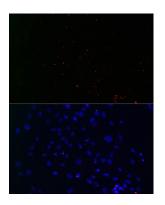


Western blot analysis of various lysates using CETN3 Rabbit pAb (A8111) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: $25\mu g$ per lane.

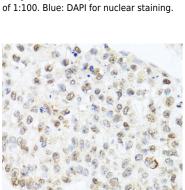
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

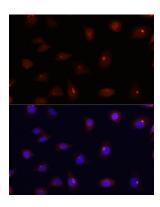
Exposure time: 90s.



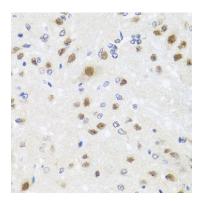
Immunofluorescence analysis of C6 cells using CETN3 Rabbit pAb (A18111) at dilution of 1:100. Plug DARI for purpose staining



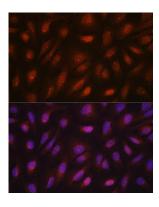
Immunohistochemistry analysis of paraffinembedded Human lung cancer using CETN3 Rabbit pAb (A8111) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



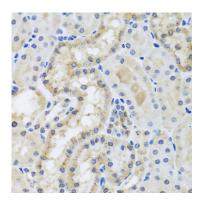
Immunofluorescence analysis of L929 cells using CETN3 Rabbit pAb (A18111) at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of paraffinembedded Rat brain using CETN3 Rabbit pAb (A8111) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunofluorescence analysis of U2OS cells using CETN3 Rabbit pAb (A18111) at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of paraffinembedded Mouse kidney using CETN3 Rabbit pAb (A8111) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.