

Centrin-2 polyclonal antibody

Catalog: BS67314

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Centrins are small conserved microtubule nucleating proteins localized to centrosomes, also known as microtubule organizing centers (MTOC), in eukaryotic cells. Centrin-1 is associated with cells that have cilia and flagella, whereas centrin-2 and -3 are ubiquitously expressed and important in centrosome duplication during cell division, as well as the structure and function of the MTOC. Human centrin-2 has also been shown to localize to nuclear pores and to have a role in regulation of mRNA export. The yeast ortholog of centrin-2, CDC31, plays a part in control of protein degradation and sensitivity to DNA damage.

Product:

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Molecular Weight:

~ 20 kDa

Swiss-Prot:

P41208

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB (1/500 - 1/2000), IF/ICC (1/50 - 1/200)

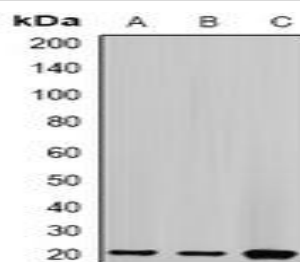
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

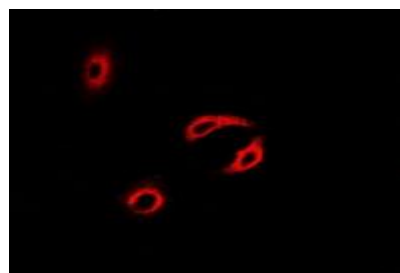
Specificity:

Recognizes endogenous levels of Centrin-2 protein.

DATA:



Western blot analysis of Centrin-2 expression in HT29 (A), MCF7 (B), mouse spleen (C) whole cell lysates.



Immunofluorescent analysis of Centrin-2 staining in MCF7 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.

Note:

For research use only, not for use in diagnostic procedure.

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