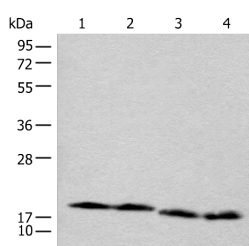


CETN3 Polyclonal Antibody

Catalog No.	E-AB-18605	Reactivity	H,M
Storage	Store at -20°C. Avoid freeze / thaw cycles.	Host	Rabbit
Applications	WB,ELISA	Isotype	IgG

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Images



Western blot analysis of TM4 Jurkat NIH/3T3 and RAW264.7 cell lysates using CETN3 Polyclonal Antibody at dilution of 1:600

Immunogen Information

Immunogen	Full length fusion protein
Gene Accession	BC005383
Swissprot	O15182
Synonyms	Centrin 3,EF-Hand Superfamily Member,CDC31 Yeast Homolog,CEN3,CDC31

Product Information

Calculated MW	20 kDa
Observed MW	Refer to figures
Buffer	PBS with 0.05% NaN ₃ and 40% Glycerol,pH7.4
Purify	Antigen affinity purification
Dilution	WB 1:500-1:2000, ELISA 1:5000-1:10000

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.

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Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.