SunLong Biotech Co.,LTD
Tel: 0086-571-56623320 Fax:0086-571-56623318
E-mail:sales@sunlongbiotech.com
www.sunlongbiotech.com

Rabbit Anti-CESK1/Cy5 Conjugated antibody

SL6406R-Cy5

Product Name	Anti-CESK1/Cy5
Chinese Name	Cy5 标记的分子伴侣 CESK1 蛋白抗体
Alias	CCT8L2; KCNMB3L; T complex protein 1; CESK1; chaperonin containing TCP1, subunit 8 (theta)-like 2; Putative T-complex protein 1 subunit theta-like 2; T complex protein 1; chaperonin containing TCP1, subunit 8 theta-like 2; TCPQM_HUMAN.
Research Area	Cell biology immunology
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	(predicted:Human)
Applications	IF=1:100-500 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight	59kDa
Form	Lyophilized or Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from human CESK1 (509-557aa)
Lsotype	IgG
Purification	affinity purified by Protein A
Storage Buffer	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Product Detail	**background:** CESK1, also known as CCT8L2 (chaperonin containing TCP1, subunit 8 theta-like 2), is a 557 amino acid protein that localizes to the cytoplasm and is thought to function as a molecular chaperone, possibly assisting protein folding after ATP hydrolysis. CESK1 belongs to the TCP-1 chaperonin family and is encoded by a gene which maps to human chromosome 22. Mutations in

several of the genes that map to chromosome 22 are involved in the development of Phelan-McDermid syndrome, neurofibromatosis type 2, autism and schizophrenia. Additionally, translocations between chromosomes 9 and 22 may lead to the formation of the Philadelphia chromosome and the subsequent production of the novel fusion protein Bcr-Abl, a potent cell proliferation activator found in several types of leukemias.

Function:
Possible molecular chaperone; assists the folding of proteins upon ATP hydrolysis

Subcellular Location:
Cytoplasm.

Similarity:
Belongs to the TCP-1 chaperonin family.

Database links:

Entrez Gene: 150160 Human

SwissProt: Q96SF2 Human

Unigene: 128342 Human

Important Note:
This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.