SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-CESK1 antibody

Catalog Number: SL6406R

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	CESK1
Immunogen:	KLH conjugated synthetic peptide derived from human CESK1: 509-557/557
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB=1:500-2000 IHC-P=1:100-500 IHC-F=1:100-500 IF=1:100-500 ELISA=1:5000-10000 （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	(predicted: Human)
Predicted MW.:	59kDa
Subcellular Location:	cytoplasmic
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.

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

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	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

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