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anti-CCT8L2 antibody (AA 509-557) (Biotin)



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Quantity:	100 μL
Target:	CCT8L2
Binding Specificity:	AA 509-557
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CCT8L2 antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human CESK1
Isotype:	IgG
Predicted Reactivity:	Human
Purification:	Purified by Protein A.

Target Details

Target:	CCT8L2
Alternative Name:	CESK1 (CCT8L2 Products)
Background:	Synonyms: 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,
chaperon	in containing TCP1, subunit 8 theta-like 2, TCPQM_HUM	AN.

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.

Gene ID:

150160

Application Details

Application Notes:	WB 1:300-5000

IHC-P 1:200-400 IHC-F 1:100-500

Restrictions:

For Research Use only

Handling

Format:	Liquid
Concentration:	1 μg/μL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C for 12 months.
Expiry Date:	12 months