

Datasheet for ABIN890248

anti-CCT8L2 antibody (AA 509-557) (AbBy Fluor® 555)[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	CCT8L2
Binding Specificity:	AA 509-557
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CCT8L2 antibody is conjugated to AbBy Fluor® 555
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

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,

Target Details

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.

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: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

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. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months