

For Research Use Only

CCT2 Polyclonal antibody, PBS Only

Catalog Number: 24896-1-PBS

Featured Product



Basic Information

Catalog Number:

24896-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG19264

GenBank Accession Number:

BC113516

GeneID (NCBI):

10576

UNIPROT ID:

P78371

Full Name:

chaperonin containing TCP1, subunit 2 (beta)

Calculated MW:

535 aa, 57 kDa

Observed MW:

50-58 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IHC, IF/ICC, Indirect ELISA

Species Specificity:

human, mouse

Background Information

CCT2 is a gene encoding a molecular chaperone that is a member of the chaperonin-containing TCP1 complex (CCT), also known as the TCP1 ring complex (TRiC). The switch of CCT2's role from a chaperonin to a specific aggregophagy receptor is achieved by CCT2 monomer formation. CCT2 functions independently of ubiquitin and the TRiC complex to facilitate the autophagic clearance of solid protein aggregates. CCT2 has 2 isoforms with a molecular mass of 53 and 57 kDa. (PMID: 35699934)

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

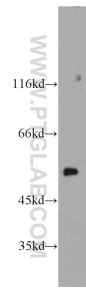
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

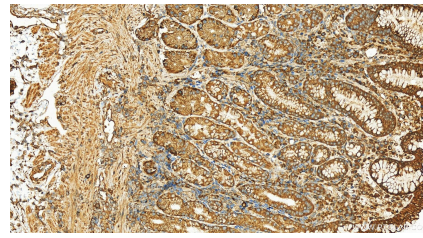
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

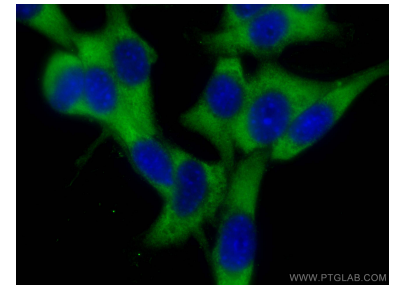
Selected Validation Data



mouse testis tissue were subjected to SDS PAGE followed by western blot with 24896-1-AP (CCT2 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 24896-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human stomach tissue slide using 24896-1-AP (CCT2 antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 24896-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Methanol) fixed NIH/3T3 cells using CCT2 antibody (24896-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L). This data was developed using the same antibody clone with 24896-1-PBS in a different storage buffer formulation.