

Product datasheet

Anti-TCP1 theta antibody ab228746

2 Images

Overview

Product name	Anti-TCP1 theta antibody
Description	Rabbit polyclonal to TCP1 theta
Host species	Rabbit
Tested applications	Suitable for: WB, ICC/IF
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat, Chicken, Cow, Chimpanzee, Rhesus monkey 
Immunogen	Recombinant fragment within Human TCP1 theta (internal sequence). The exact sequence is proprietary. Database link: P50990
Positive control	WB: Raji whole cell lysate. ICC/IF: A431 cells.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.00 Preservative: 0.01% Thimerosal (merthiolate) Constituents: PBS, 1% BSA, 20% Glycerol
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab228746** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/5000 - 1/20000. Predicted molecular weight: 60 kDa.

Application	Abreviews	Notes
ICC/IF		1/100 - 1/1000.

Target

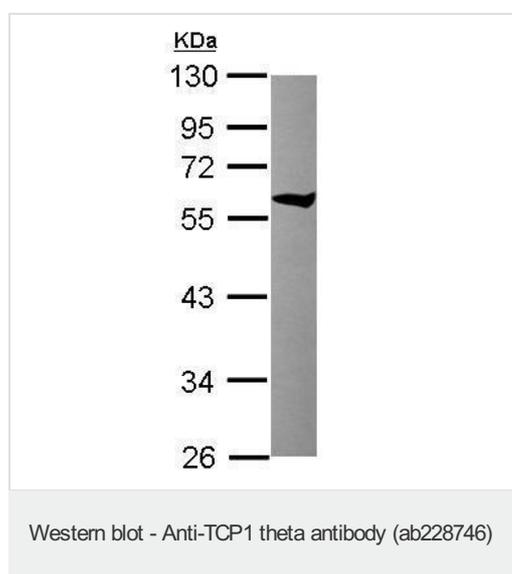
Relevance

TCP1 theta is the theta polypeptide of the CCT chaperonin molecule complex. The intact CCT complex is composed of eight polypeptides in a double ring. TCP1 theta is a molecular chaperone that assists the folding of proteins upon ATP hydrolysis. CCT is important within cells in aiding the folding of proteins including actin, tubulin and the VHL tumour suppressor protein.

Cellular localization

Cytoplasm. Cytoplasm; cytoskeleton; centrosome

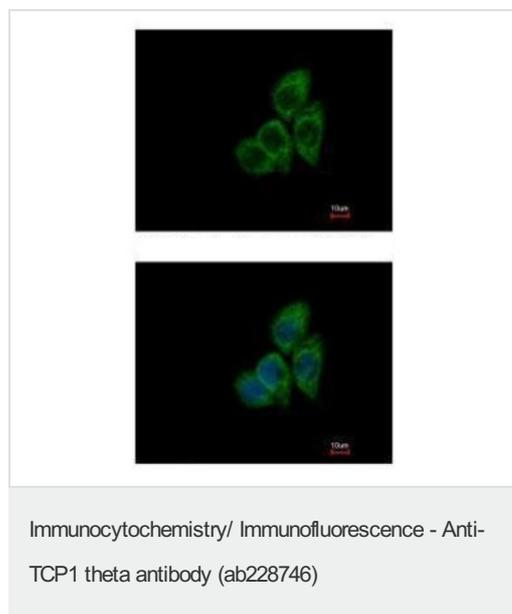
Images



Anti-TCP1 theta antibody (ab228746) at 1/10000 dilution + Raji (human Burkitt's lymphoma cell line) whole cell lysate at 30 µg

Predicted band size: 60 kDa

10% SDS-PAGE gel.



Methanol-fixed A431 (human epidermoid carcinoma cell line) cells stained for TCP1 theta (green) using ab228746 at 1/500 dilution in ICC/IF.

Nuclear counterstain: Hoechst 33342 (blue).

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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