

Datasheet for ABIN215497

anti-TCP1 alpha/CCTA antibody (C-Term)



[Go to Product page](#)

Overview

Quantity:	50 µg
Target:	TCP1 alpha/CCTA (TCP1)
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Dog, Cow, Rabbit, Hamster, Monkey, Guinea Pig, Pig, Drosophila melanogaster
Host:	Rat
Clonality:	Monoclonal
Conjugate:	This TCP1 alpha/CCTA antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Immunogen:	A purified recombinant mouse TCP-1alpha construct encoding the C-terminal half of the 1.8 kb full-length Tcp-1b gene expressed in E. coli.
Isotype:	IgG2a
Specificity:	This affinity purified antibody recognizes an epitope in the C-terminus of mouse TCP-1a (465-AKLRA) and will detect an ~60kD protein, corresponding to the apparent molecular mass of TCP-1alpha on SDS-PAGE immunoblots, in samples from human, mouse, rat, bovine, canine, guinea pig, hamster, monkey, porcine and rabbit origins, as well as Saccharomyces cerevisiae (weakly, consistent with the epitope sequence being AKLRS), Drosophila, Schizosaccharomyces pombe and C. elegans. In C. elegans CTA-191 reacts with TCP-1a and another CCT subunit. In plants, CTA-191 recognizes TCP-1 of Pisum sativum and the sequence of Arabidopsis thaliana TCP-1a over the region of the epitope AKLRA. It has also been shown

Product Details

that CTA-191 reacts with a subunit of a specialized chaperonin which folds phytochrome. Cross reactivity with human Hsp60 has been observed with this antibody in immunoblot analysis.

Purification: Protein G purified

Target Details

Target: TCP1 alpha/CCTA (TCP1)

Alternative Name: TCP1 ([TCP1 Products](#))

Background: Name/Gene ID: TCP1

Synonyms: TCP1, CCTA, CCT-alpha, D6S230E, T-complex 1, TCP-1-alpha, Tailless complex polypeptide 1, CCT1

Gene ID: 6950

UniProt: [P17987](#)

Application Details

Application Notes: Approved: ICC (5 µg/mL), IP (12.5 µg/mL), WB

Usage: Western Blot (Colorimetric): 1 µg/mL. Immunoprecipitation: 12.5 µg/mL 5 µg/mL. Immunocytochemistry: 5 µg/mL. Positive control: HeLa Heat Shocked Cell Lysate.

Comment: Target Species of Antibody: Rat

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: PBS, pH 7.2, 0.1 mM PMSF, in 50 % glycerol.

Preservative: PMSF

Handling Advice: Avoid repeat freeze-thaw cycles.

Storage: 4 °C, -20 °C

Handling

Storage Comment: Short term: 4°C. Long term: Store at -20°C. Avoid freeze-thaw cycles.