

Datasheet for ABIN331513

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



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Overview

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

Product Details

Immunogen:	A purified recombinant mouse TCP-1 construct encoding the C-terminal half of the 1.8 kb full-length Tcp1b gene expressed in E. coli.
Clone:	91a
Isotype:	IgG2a
Specificity:	Recognizes an epitope in the C- terminus of mouse TCP-1a (465-AKLRA) and will detect an ~60 kD protein, corresponding to the apparent molecular mass of TCP1 on SDS-PAGE immunoblots, in samples from human, mouse, rat, bovine, canine, guinea pig, hamster, monkey, pig, 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 (2). In plants, CTA-191

Product Details

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 that CTA-191 reacts with a subunit of a specialized chaperonin which folds phytochrome (3). 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

Application Details

Application Notes: Approved: Flo (1:100), IP, WB (1:1000)

Not recommended for: IHC-P

Comment: Target Species of Antibody: Mouse

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

Storage: -20 °C

Storage Comment: Store at -20°C.