

Datasheet for ABIN2789568

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



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1 Image

Overview

Quantity:	100 µL
Target:	TCP1 alpha/CCTA (TCP1)
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Dog, Cow, Rabbit, Guinea Pig, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TCP1 alpha/CCTA antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Sequence:	QAGVFPTIV KVKSLKFATE AAITILRIDDK LKHPESKD DKHGSYEDAV
Predicted Reactivity:	Cow: 93%, Dog: 93%, Guinea Pig: 93%, Horse: 93%, Human: 100%, Mouse: 93%, Rabbit: 86%, Rat: 86%
Characteristics:	This is a rabbit polyclonal antibody against TCP1. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	TCP1 alpha/CCTA (TCP1)
Alternative Name:	TCP1 (TCP1 Products)
Background:	The protein encoded by this gene is a molecular chaperone that is a member of the chaperonin

Target Details

containing TCP1 complex (CCT), also known as the TCP1 ring complex (TRiC). This complex consists of two identical stacked rings, each containing eight different proteins. Unfolded polypeptides enter the central cavity of the complex and are folded in an ATP-dependent manner. The complex folds various proteins, including actin and tubulin. Alternate transcriptional splice variants of this gene, encoding different isoforms, have been characterized. In addition, three pseudogenes that appear to be derived from this gene have been found.

Alias Symbols: CCT-alpha, CCT1, CCTa, D6S230E, TCP-1-alpha

Protein Interaction Partner: FUS, ERLIN2, HUWE1, CBFA2T2, UBC, TP53, NEDD1, VHL, TUBG1, SUMO2, LGALS3BP, CDC20, STAU1, INPP5K, CDC5L, VRK2, PPP4C, COPA, COPG1, USP9X, PARK2, FBXO6, YWHAQ, UBD, FBXW4, FBXO46, STK25, HDAC6, HDAC3, NPM1, ILK, CDK5, CDK2, PAN2, US3, FAM86B2, CFAP52, METT

Protein Size: 556

Molecular Weight: 61 kDa

Gene ID: 6950

NCBI Accession: [NM_030752](#), [NP_110379](#)

UniProt: [P17987](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 556 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling

Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images

