

TBCA Conjugated Antibody

Catalog No: #C42897



Package Size: #C42897-AF350 100ul #C42897-AF405 100ul #C42897-AF488 100ul

#C42897-AF555 100ul #C42897-AF594 100ul #C42897-AF647 100ul

#C42897-AF680 100ul #C42897-AF750 100ul #C42897-Biotin 100ul

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Description

Product Name	TBCA Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total TBCA protein.
Immunogen Description	Full length fusion protein of human TBCA
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	CFA; chaperonin cofactor A; TBCA; TCP1-chaperonin cofactor A; tubulin folding cofactor A; Tubulin-folding cofactor A; Tubulin-specific chaperone A
Accession No.	Swiss-Prot#:O75347NCBI Gene ID:6902NCBI mRNA#:BC018210NCBI Protein#:
Uniprot	O75347
GeneID	6902;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	13KD
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Background

The product of this gene is one of four proteins (cofactors A, D, E, and C) involved in the pathway leading to correctly folded beta-tubulin from folding intermediates. Cofactors A and D are believed to play a role in capturing and stabilizing beta-tubulin intermediates in a quasi-native confirmation. Cofactor E binds to the cofactor D/beta-tubulin complex; interaction with cofactor C then causes the release of beta-tubulin polypeptides that are committed to the native state.

Note: This product is for in vitro research use only