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Datasheet for ABIN400854

### anti-TBCA antibody (N-Term)





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Quantity:	0.1 mL
Target:	TBCA
Binding Specificity:	AA 1-108, N-Term
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This TBCA antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

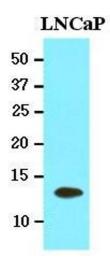
#### **Product Details**

Immunogen:	Recombinant TBCA (1-108 aa) purified from E. coli
Clone:	AT1A5
Isotype:	lgG2b
Specificity:	The antibody recognizes human TBCA. Other species not tested.
Characteristics:	Synonyms: Tubulin-specific chaperone A, Tubulin-folding cofactor A, TCP1-chaperonin cofactor A
Purification:	Protein-G affinity chromatography

#### **Target Details**

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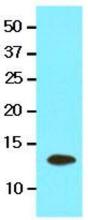
Alternative Name:	TBCA (TBCA Products)
Background:	Tubulin folding cofactor A, also known as TBCA, is one of four proteins (cofactors A, D, E, and
	C) involved in the pathway leading to correctly folded beta-tubulin from folding intermediates.
	Cofactors A and D are believed to play a role in capturing and stabilizing beta-tubulin in a quasi
	native confirmation. This protein is essential for cell viability and its knockdown produces a
	decrease in the amount of soluble tubulin, modifications in microtubules and G1 cell cycle
	arrest.Synonyms: TCP1-chaperonin cofactor A, Tubulin-folding cofactor A, Tubulin-specific
	chaperone A
Gene ID:	6902
UniProt:	075347
Pathways:	SARS-CoV-2 Protein Interactome
Application Details	
Application Notes:	ELISA. Western blot (1: 1000 - 1: 2000).
	Other applications not tested.
	Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.09 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which
	should be handled by trained staff only.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C for up to two weeks or (in aliquots) at -20 °C or -70 °C for
	longer. Avoid repeated freezing and thawing.
	Shelf life: one year from despatch
Expiry Date:	12 months



#### **Western Blotting**

Image 1.

## LNCaP



#### **Western Blotting**

Image 2.