



Datasheet for ABIN655963
anti-TBCA antibody (AA 30-58)



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3 Images

Overview

Quantity:	400 µL
Target:	TBCA
Binding Specificity:	AA 30-58
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TBCA antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This TBCA antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 30-58 amino acids from the Central region of human TBCA.
Clone:	RB31699
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	TBCA
Alternative Name:	TBCA (TBCA Products)
Background:	The product of this gene is one of four proteins (cofactors A, D, E, and C) involved in the

Target Details

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. This gene encodes chaperonin cofactor A.

Molecular Weight: 12855

Gene ID: 6902

NCBI Accession: [NP_004598](#)

UniProt: [O75347](#)

Pathways: [SARS-CoV-2 Protein Interactome](#)

Application Details

Application Notes: WB: 1:1000. WB: 1:1000. IHC-P: 1:10~50

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

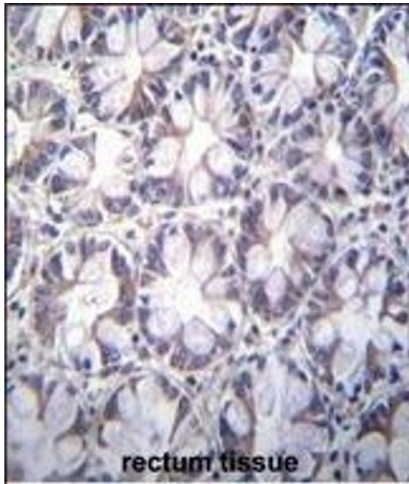
Preservative: Sodium azide

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

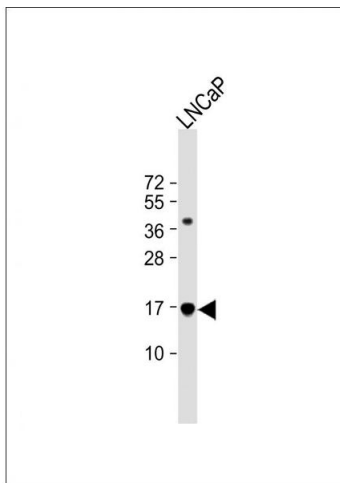
Storage Comment: Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

Expiry Date: 6 months



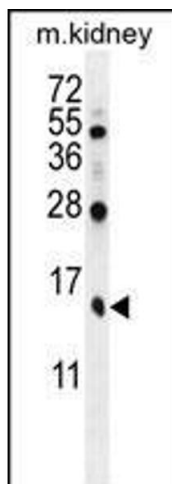
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. TBCA Antibody (Center) (ABIN655963 and ABIN2845348) immunohistochemistry analysis in formalin fixed and paraffin embedded human rectum tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of TBCA Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



Western Blotting

Image 2. Anti-TBCA Antibody (Center) at 1:1000 dilution + LNCaP whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 13 kDa Blocking/Dilution buffer: 5 % NFDm/TBST.



Western Blotting

Image 3. TBCA Antibody (Center) (ABIN655963 and ABIN2845348) western blot analysis in mouse kidney tissue lysates (35 µg/lane). This demonstrates the TBCA antibody detected the TBCA protein (arrow).