

Product datasheet for **AM09084PU-S**

TBCA Mouse Monoclonal Antibody [Clone ID: AT1A5]

Product data:

Product Type:	Primary Antibodies
Clone Name:	AT1A5
Applications:	ELISA, WB
Recommended Dilution:	ELISA. Western blot (1:1000 - 1:2000).
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Recombinant TBCA (1-108 aa) purified from E. coli
Specificity:	The antibody recognizes human TBCA. Other species not tested.
Formulation:	PBS, pH 7.4 containing 0.02% Sodium Azide and 10% Glycerol State: Purified State: Liquid purified Ig fraction
Purification:	Protein-G affinity chromatography
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	tubulin folding cofactor A
Database Link:	Entrez Gene 6902 Human O75347



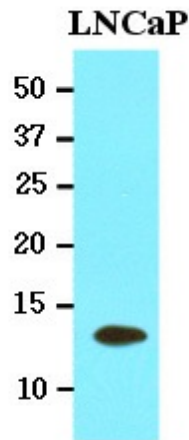
[View online »](#)

Background:

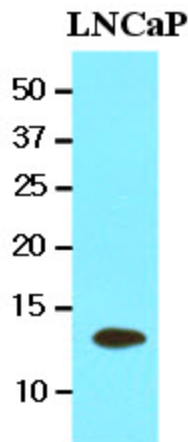
Tubulin folding cofactor A, also known as TBCA, is one of four proteins (cofactors A, D, E, and C) involved in the pathway leading to correctly folded beta-tubulin from folding intermediates. Cofactors A and D are believed to play a role in capturing and stabilizing beta-tubulin in a quasi-native confirmation. 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:

TBCA

Product images:

Cell lysates of LNCaP (20ug) were resolved by SDS-PAGE, transferred to NC membrane and probed with anti-human TBCA (1:1000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system.



Western blot analysis: Cell lysates of LNCaP (20 ug) were resolved by SDS-PAGE, transferred to NC membrane and probed with anti-human TBCA (1:1000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system.