

Anti-Phospho-Alpha-tubulin (Y272) Rabbit Polyclonal Antibody



Catalog #: U0919

Aliases

TUBA1A; TUBA3; Tubulin alpha-1A chain; Alpha-tubulin 3; Tubulin B-alpha-1; Tubulin alpha-3 chain; TUBA1B; Tubulin alpha-1B chain; Alpha-tubulin ubiquitous; Tubulin K-alpha-1; Tubulin alpha-ubiquitous chain; TUBA1C; TUBA6; Tubulin alpha-1C chain; Alpha-tubulin 6; Tubulin alpha-6 chain; TUBA3C; TUBA2; TUBA3D; Tubulin alpha-3C/D chain; Alpha-tubulin 2; Alpha-tubulin 3C/D; Tubulin alpha-2 chain; TUBA3E; Tubulin alpha-3E chain; Alpha-tubulin 3E; TUBA4A; TUBA1; Tubulin alpha-4A chain; Alpha-tubulin 1; Testis-specific alpha-tubulin; Tubulin H2-alpha; Tubulin alpha-1 chain

Background

Gene Name: TUBA1A

NCBI Gene Entry: [7846/10376/84790/113457/7278/112714/7277](#)

UniProt Entry: [Q71U36/P68363/Q9BQE3/Q13748/Q6PEY2/P68366](#)

Application Information

Molecular Weight: Predicted, 50, 49 kDa; observed, 52 kDa

Clonality: Rabbit polyclonal antibody

Species Reactivity: Human, mouse, rat, bovine, chicken, monkey, zebrafish

Applications Tested: Western blotting (WB), immunohistochemistry (IHC)

Immunogen

A synthesized peptide derived from human Phospho-Alpha-tubulin (Y272)

Isotype

Rabbit IgG

Storage Buffer

Supplied in PBS (pH 7.3) containing 30% glycerol, and 0.01% sodium azide.

Storage

Store at -20 °C for one year.

Recommended Dilutions

Western Blotting (WB): 1:500-1:1,000

Immunohistochemistry (IHC): 1:50-1:100

SUPPORT

SUPPORT@GENUINBIOTECH.COM
TEL: +1-540-855-7041

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SALES@GENUINBIOTECH.COM
FAX: +1-540-855-7041

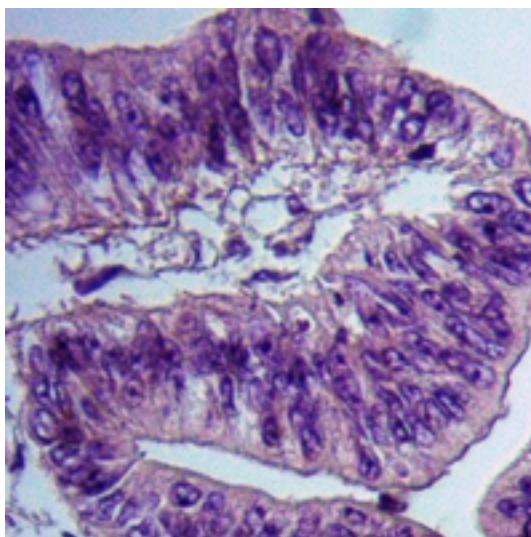
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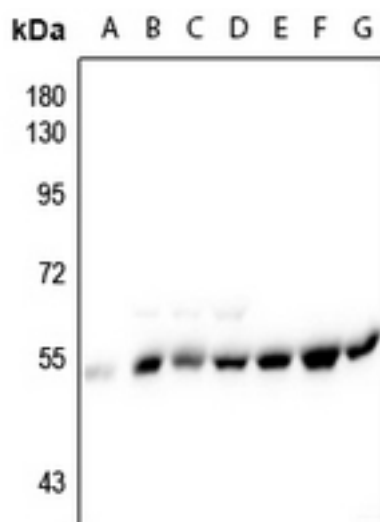
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Note: This product is for research use only.

Validation Data



Immunohistochemical analysis of Alpha-tubulin (Phospho-Y272) staining in human colorectal cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Western blotting analysis of Alpha-tubulin (Phospho-Y272) expression in U87MG (A), A375 (B), HeLa (C), A2780 (D), EC9706 (E), C6 (F), CT26 (G) whole cell lysates.

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