

TUBA1/3/4 (Ab-272) Antibody

Catalog No: #33306

Package Size: #33306-1 50ul #33306-2 100ul

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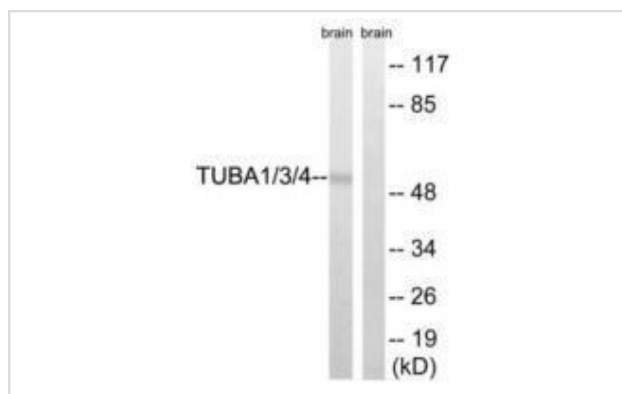
Description

Product Name	TUBA1/3/4 (Ab-272) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB
Species Reactivity	Hu Rt
Specificity	The antibody detects endogenous levels of total TUBA1/3/4 protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized non-phosphopeptide derived from human TUBA1/3/4 around the phosphorylation site of tyrosine 272 (A-T-Y(p)-A-P).
Target Name	TUBA1/3/4
Other Names	Alpha-tubulin 1; TBA1; TBA1A; TBA4A; Testis-specific alpha- tubulin
Accession No.	Swiss-Prot: Q71U36/P68363/Q9BQE3/Q13748/Q6PEY2/P68366NCBI Gene ID: 7846/10376/84790/113457/7278/112714/7277
Uniprot	Q71U36
GeneID	7846;
SDS-PAGE MW	50-56kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:500~1:3000

Images



Western blot analysis of extracts from Rat brain cells, using TUBA1/3/4 (Ab-272) antibody #33306.

Background

Tubulin is the major constituent of microtubules. It binds two moles of GTP, one at an exchangeable site on the beta chain and one at a non-exchangeable site on the alpha chain.

Adler A.J., Bioorg. Med. Chem. 9:1967-1976(2001).

Sugano S., Nat. Genet. 36:40-45(2004).

Venter J.C., Submitted (JUL-2005).

Note: This product is for in vitro research use only