



TUBA1/3/4 (Phospho-Tyr272) Antibody

E11-8546A

Catalog Number: E11-8546A

Concentration: 1mg/ml

Swiss-Prot No.:

Q71U36/P68363/Q9BQE3/Q13748/Q6PEY2/P68366

Other Names: Alpha-tubulin 1; TBA1; TBA1A; TBA4A; Testis-specific alpha- tubulin; TUBA1; Tubulin alpha-1 chain; Tubulin H2-alpha

All Sites: Human: Tyr272

Storage/Stability: Store at -20°C/1 year

Form of Antibody: Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Immunogen: The antiserum was produced against synthesized phosphopeptide derived from human TUBA1/3/4 around the phosphorylation site of tyrosine 272 (A-T-Y^P-A-P).

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.

Specificity: TUBA1/3/4 (Phospho-Tyr272) antibody detects endogenous levels of TUBA1/3/4 only when phosphorylated at tyrosine 272.

Reactivity: Human (Identities = 100%, Positives = 100%)

Mouse (Identities = 100%, Positives = 100%)

Rat (Identities = 100%, Positives = 100%)

Applications: WB: 1:500~1:1000 IHC: 1:50~1:100

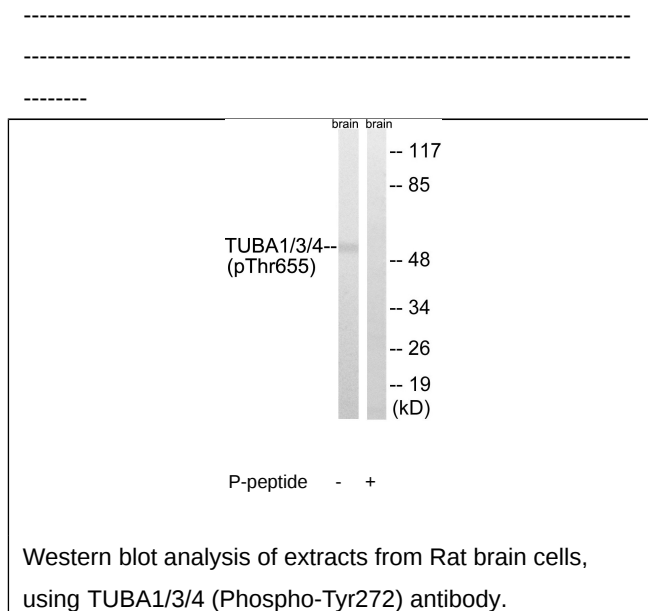
ELISA: 1:40000

References:

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

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

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



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