



ELK Biotechnology

β Tubulin Rabbit pAb

Catalog NO.: EA058

For research use only.

Overview

Product name	β Tubulin Rabbit polyclonal antibody
Source	Rabbit
Applications	WB, IHC
Species reactivity	Human, Rat, Mouse
Recommended dilutions	WesternBlot:1/2000-5000 Immunohistochemistry:1/500-1000 NOTE: Optimal dilutions should be determined by the end user.

Immunogen Recombinant Protein

Species Human

Storage PBS with 0.02% sodium azide and 50% glycerol pH 7.4.
Store at -20° C. Avoid repeated freeze-thaw cycles.

Isotype IgG

Clonality Polyclonal

Concentration 1 mg/ml

Observed band **55kDa**

GeneID (Human) 203068

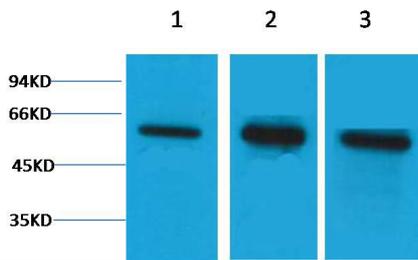
Human Swiss-Prot No. P07437

Cellular localization Cytoplasm,Cytoskeleton,Microtubule

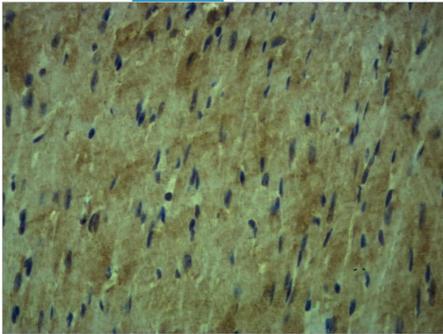
Alternative Names Beta 4 tubulin, TBB5, TUBB2, TUBB2A, tubulin beta 2A, beta tubulin, tubulin beta chain

Background Microtubules are constituent parts of the mitotic apparatus, cilia, flagella, and elements of the cytoskeleton. They consist principally of 2 soluble proteins, alpha- and beta-tubulin, each of about 55,000 Da. Antibodies against beta Tubulin are useful as loading controls for Western Blotting. However it should be noted that levels of β -Tubulin may not be stable in certain cells. For example, expression of β -Tubulin in adipose tissue is

very low and therefore β -Tubulin should not be used as loading control for these tissues.



Western blot analysis of 1) HeLa, 2) Mouse Brain, 3) Rat Brain tissue with EA058 diluted at 1:5,000.



Immunohistochemical analysis of paraffin-embedded Mouse Heart Tissue using β -tubulin(EA058) Rabbit pAb diluted at 1:500.