



# ELK Biotechnology

$\beta$  III Tubulin Rabbit pAb

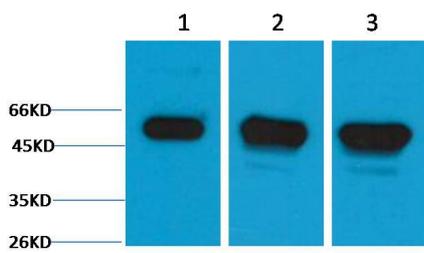
Catalog NO.: EA049

For research use only.

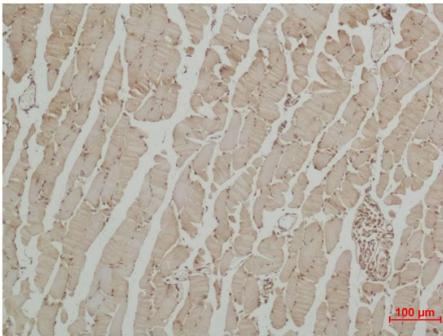
## Overview

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Product name	$\beta$ III Tubulin Rabbit polyclonal antibody
Source	Rabbit
Applications	WB, IHC
Species reactivity	Human, Rat, Mouse
Recommended dilutions	WesternBlot:1/2000-5000 Immunohistochemistry:1/200-500 NOTE: Optimal dilutions should be determined by the end user.
Immunogen	Synthetic Peptide
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	50kDa
GeneID (Human)	10381
Human Swiss-Prot No.	Q13509
Cellular localization	Cytoplasm, Cytoskeleton, Microtubule
Alternative Names	beta 3 tubulin antibody, CDCBM antibody, TUBB3 antibody, Tubulin beta III antibody
Background	Tubulin is the major constituent of microtubules. It exists as a heterodimer consisting of an alpha and a beta subunit. TUBB3 plays a critical role in proper axon guidance and maintenance.



Western blot analysis of 1) Hela, 2) Mouse Brain, 3) Rat Brain tissue with EA049 diluted at 1:5,000.



Immunohistochemical analysis of paraffin-embedded Mouse Skeletal Muscle Tissue using  $\beta$  III Tubulin (EA049) Rabbit pAb diluted at 1:500.