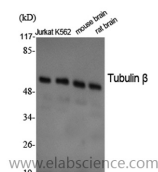


beta Tubulin Polyclonal Antibody

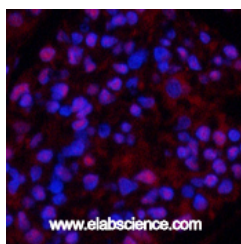
Catalog No.	E-AB-20070	Reactivity	M,R
Storage	Store at -20°C. Avoid freeze / thaw cycles.	Host	Rabbit
Applications	WB,IHC-p,IF,ELISA	Isotype	IgG

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Images



Western Blot analysis of various cells using beta Tubulin Polyclonal Antibody at dilution of 1:2000.



Immunofluorescence analysis of Rat kidney tissue using beta Tubulin Polyclonal Antibody at dilution of 1:200.

Immunogen Information

Immunogen	Synthesized peptide derived from the C-terminal region of mouse Tubulin β
Swissprot	Q13509
Synonyms	TUBB3,TUBB4,Tubulin beta-3 chain,Tubulin beta-4 chain,Tubulin beta-III

Product Information

Calculated MW	50kDa
Observed MW	55kDa
Buffer	PBS with 0.02% sodium azide, 0.5% protective protein and 50% glycerol, pH7.4
Purify	Affinity purification
Dilution	WB 1:500-1:2000, IHC 1:100-1:300, IF 1:200-1:1000, ELISA 1:5000

Background

TUBB3, the class III β tubulin or Tuj1, is selectively expressed in testis and neurons of the central and peripheral nervous system. It has been widely used as a marker for neurons. Aberrant expression of TUBB3 has also been found in various tumors of non-neural origin and can be used as a biomarker for cancer aggressiveness and a marker for the tendency to respond poorly to chemotherapy. This antibody is specific to TUBB3 but not cross-react with other tubulin isoforms.

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Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.