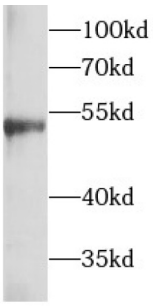
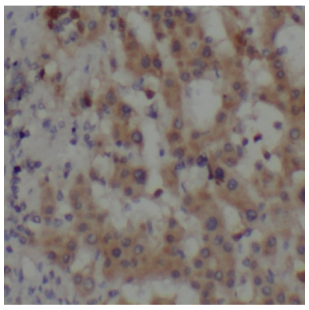
Tubulin Beta (TUBB) Antibody

Catalogue No.:abx219172



WB analysis of HepG2 cells, using beta Tubulin antibody (1/1000 dilution).



IHC-P analysis of human liver cancer tissue, using beta Tubulin antibody (1/50 dilution).

Tubulin Beta (TUBB) Antibody is a Rabbit Polyclonal antibody for the detection of Beta Tubulin.

There are five tubulins in human cells: alpha, beta, gamma, delta, and epsilon. Tubulins are conserved across species. They form heterodimers, which multimerize to form a microtubule filament. An alpha and beta tubulin heterodimer is the basic structural unit of microtubules. The heterodimer does not come apart, once formed. The alpha and beta tubulins, which are each about 55 kDa MW, are homologous but not identical. Alpha, beta, and gamma tubulins have all been used as loading controls. Tubulin expression may vary according to resistance to antimicrobial and antimitotic drugs.

Target:	Tubulin Beta (TUBB)
Clonality:	Polyclonal
Reactivity:	Human, Mouse, Rat
Tested Applications:	ELISA, WB, IHC
Host:	Rabbit
Recommended dilutions:	WB: 1/500 - 1/2000, IHC: 1/20 - 1/200. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	tubulin, beta 3

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Isotype:	IgG
Form:	Liquid
Purity:	≥ 95% (SDS-PAGE)
Purification:	Purified by immunogen affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
Validity:	12 months.
UniProt Primary AC:	Q13509 (UniProt, ExPASy)
Gene Symbol:	TUBB3
GeneID:	10381
OMIM:	600638
HGNC:	20772
KEGG:	hsa:10381
Ensembl:	ENSG00000258947
String:	9606.ENSP00000320295
Molecular Weight:	Observed MW: 50-55 kDa
Buffer:	PBS, pH 7.3, with 0.02% sodium azide and 50% glycerol.
Concentration:	2 mg/ml
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

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