

产品名称: Tubulin α -3C/D/E Rabbit Polyclonal Antibody
产品货号: AP Rab19425



产品概述 (Summary)

产品名称 (Production Name)	Tubulin α -3C/D/E Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB, ELISA
种属反应性 (Reactivity)	Human, Mouse, Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	TUBA3C/D/TUBA3E
别名 (Alternative Names)	TUBA3C; TUBA2; TUBA3D; Tubulin α -3C/D chain; Alpha-tubulin 2; Alpha-tubulin 3C/D; Tubulin α -2 chain; TUBA3E; Tubulin α -3E chain; Alpha-tubulin 3E
基因 ID (Gene ID)	113457/7278/112714
蛋白 ID (SwissProt ID)	Q13748/Q6PEY2. The antiserum was produced against synthesized peptide derived from human TUBA3C/E. AA range: 201-250

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000, ELISA 1:5000-1:10000
蛋白分子量 (Molecular Weight)	50kDa

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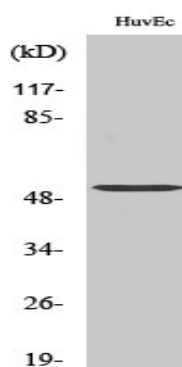
研究背景 (Background)

Microtubules of the eukaryotic cytoskeleton perform essential and diverse functions and are composed of a heterodimer of alpha and beta tubulin. The genes encoding these microtubule constituents are part of the tubulin superfamily, which is composed of six distinct families. Genes from the alpha, beta and gamma tubulin families are found in all eukaryotes. The alpha and beta tubulins represent the major components of microtubules, while gamma tubulin plays a critical role in the nucleation of microtubule assembly. There are multiple alpha and beta tubulin genes and they are highly conserved among and between species. This gene is an alpha tubulin gene that encodes a protein 99% identical to the mouse testis-specific Tuba3 and Tuba7 gene products. This gene is located in the 13q11 region, which is associated with the genetic diseases Clouston hidrotic ectodermal dysplasia and Kabuki syndrome. [providfunction:Tubulin is the major constituent of microtubules. It binds two moles of GTP, one at an exchangeable site on the beta chain and one at a non-exchangeable site on the alpha-chain.,online information:Tubulin entry,PTM:Undergoes a tyrosination/detyrosination cycle, the cyclic removal and re-addition of a C-terminal tyrosine residue by the enzymes tubulin tyrosine carboxypeptidase (TTCP) and tubulin tyrosine ligase (TTL), respectively.,similarity:Belongs to the tubulin family.,subunit:Dimer of alpha and beta chains.,tissue specificity:Testis specific.,

研究领域 (Research Area)

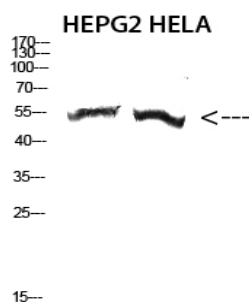
Gap junction;Pathogenic Escherichia coli infection;

图片 (Image Data)



Western Blot analysis of various cells using Tubulin α -3C/D/E Polyclonal Antibody diluted at 1: 2000. Secondary antibody was diluted at 1:20000

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Western Blot analysis of HEPG2 HELA cells using Antibody diluted at 2000. Secondary antibody was diluted at 1:20000

注意事项 (Note)

For research use only .