

**bs-14263R****[ Primary Antibody ]****BioSS**  
ANTIBODIES

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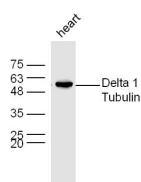
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**Delta 1 Tubulin Rabbit pAb****— DATASHEET —**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> WB (1:500-2000)
<b>Clonality:</b> Polyclonal		<b>Reactivity:</b> Mouse (predicted: Human, Rat, Sheep, Cow, Horse)
<b>GeneID:</b> 51174	<b>SWISS:</b> Q9UJT1	
<b>Target:</b> Delta 1 Tubulin		<b>Predicted MW.:</b> 51 kDa
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human Delta 1 Tubulin: 151-250/453.		<b>Subcellular Location:</b> Cytoplasm
<b>Purification:</b> affinity purified by Protein A		
<b>Concentration:</b> 1mg/ml		
<b>Storage:</b> 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
<b>Background:</b> Tubulin is a major cytoskeleton component that has five distinct forms, designated $\alpha$ , $\beta$ , $\gamma$ , $\delta$ and $\epsilon$ tubulin. $\alpha$ and $\beta$ tubulins form heterodimers which multimerize to form a microtubule filament. Multiple $\beta$ Tubulin isoforms ( $\beta 1$ , $\beta 2$ , $\beta 3$ , $\beta 4$ , $\beta 5$ , $\beta 6$ and $\beta 8$ ) have been characterized and are expressed in mammalian tissues. $\beta 1$ and $\beta 4$ are present throughout the cytosol, $\beta 2$ is present in the nuclei and nucleoplasm, and $\beta 3$ is a neuron-specific cytoskeletal protein. GammaTubulin forms the gammaosome, which is required for nucleating microtubule filaments at the centrosome. Both $\delta$ Tubulin and Delta Tubulin are associated with the centrosome. Gamma Tubulin is a homolog of the Chlamydomonas Gamma Tubulin Uni3 and is found in association with the centrioles, whereas $\epsilon$ Tubulin localizes to the pericentriolar material. Delta Tubulin exhibits a cell cycle-specific pattern of localization; first associating with only the older of the centrosomes in a newly duplicated pair, and later associating with both centrosomes.		

**— VALIDATION IMAGES —**

Sample: heart (Mouse) Lysate at 40 ug Primary:  
Anti-Delta 1 Tubulin(bs-14263R) at 1/300 dilution  
Secondary: IRDye800CW Goat Anti-Rabbit IgG at  
1/20000 dilution Predicted band size: 51 kD  
Observed band size: 58 kD

**— SELECTED CITATIONS —**

- **[IF=1.39]** Liu et al. MicroRNA-20a contributes to cisplatin-resistance and migration of OVCAR3 ovarian cancer cell line. (2017) Oncol.Let. 14:1780-1786 WB ;Human. 28789409