

**bs-12394R****[ Primary Antibody ]****DTX2 Rabbit pAb**

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**— DATASHEET —**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> <b>WB</b> (1:500-2000) <b>IHC-P</b> (1:100-500) <b>IHC-F</b> (1:100-500) <b>IF</b> (1:100-500) <b>ICC/IF</b> (1:100-500) <b>ELISA</b> (1:5000-10000)  <b>Reactivity:</b> (predicted: Human, Mouse, Rat, Zebrafish, Horse)  <b>Predicted MW.:</b> 67 kDa  <b>Subcellular Location:</b> Cytoplasm ,Nucleus
<b>Clonality:</b> Polyclonal		
<b>GeneID:</b> 113878	<b>SWISS:</b> Q86UW9	
<b>Target:</b> DTX2		
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human DTX2: 331-430/622.		
<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> DTX2 belongs to the Deltex family. It contains one RING-type zinc finger and two WWE domains. DTX2 is a regulator of Notch signaling, a signaling pathway involved in cell-cell communications that regulates a broad spectrum of cell-fate determinations. It probably acts both as a positive and negative regulator of Notch, depending on the developmental and cell context; mediates the antineural activity of Notch, possibly by inhibiting the transcriptional activation mediated by MATCH1. DTX2 also functions as an ubiquitin ligase protein in vitro, suggesting that it may regulate the Notch pathway via some ubiquitin ligase activity. The WWE domains are thought to mediate some protein-protein interaction, and are frequently found in ubiquitin ligases. There are two named isoforms.		