

bs-3931R

[Primary Antibody]

COX 5B Rabbit pAb



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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) ELISA (1:5000-10000) Reactivity: Human, Rat (predicted: Mouse, Rabbit, Pig, Cow) Predicted MW.: 14 kDa Subcellular Location: Cell membrane ,Cytoplasm
Clonality: Polyclonal		
GeneID: 1329	SWISS: P10606	
Target: COX 5B		
Immunogen: KLH conjugated synthetic peptide derived from human COX 5B: 21-120/129.		
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		
Storage: 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.		
Background: Cytochrome C oxidase (COX) is the terminal enzyme in mitochondrial electron transport. It is a heteromeric complex consisting of 3 catalytic subunits encoded by mitochondrial genes and multiple structural subunits encoded by nuclear genes. Cytochrome C Oxidase subunit Vb (COX5B) is one of the nuclear-coded polypeptide chains.		

— SELECTED CITATIONS —

- **[IF=2.31]** Kältsch, Julia, et al. "Bathing in carbon dioxide-enriched water alters protein expression in keratinocytes of skin tissue in rats." International Journal of Biometeorology (2016): 1-8. IHC ;Rat. 27709349