

bs-19629R**[Primary Antibody]****Selenoprotein M Rabbit pAb**

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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) ICC/IF (1:100-500) ELISA (1:5000-10000) Reactivity: (predicted: Human) Predicted MW.: 14 kDa Subcellular Location: Cytoplasm
Clonality: Polyclonal		
GeneID: 140606	SWISS: Q8WWX9	
Target: Selenoprotein M		
Immunogen: KLH conjugated synthetic peptide derived from human Selenoprotein M: 24-100/145.		
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: Selenoprotein M is widely expressed and expressed highly in the mammalian brain. It is localized to the perinuclear structures (Golgi/ER). A growing body of evidence relates selenium to cancer prevention, immune system function, male fertility, cardiovascular disorder, control of the aging and neurodegenerative process. Selenoproteins are thought to be responsible for the majority of these biomedical effects of selenium. Approximately 17 selenoproteins have been identified until now. Although the function of many selenoproteins are unknown, some play important roles in antioxidant mechanisms. It has been also implicated in the regulation of signaling pathways through catalysis of thiol/disulfide exchange. The roles of Selenoprotein M have not been clearly identified until present time.		