

bs-13395R**[Primary Antibody]****Glutaredoxin 5 Rabbit pAb**

www.bioss.com.cn

sales@bioss.com.cn

techsupport@bioss.com.cn

400-901-9800

— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) 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, Mouse, Rat, Rabbit, Pig, Sheep, Cow, Horse) Predicted MW.: 14 kDa Subcellular Location: Cytoplasm
Clonality: Polyclonal		
GeneID: 51218	SWISS: Q86SX6	
Target: Glutaredoxin 5		
Immunogen: KLH conjugated synthetic peptide derived from human Glutaredoxin 5: 51-157/157.		
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: This gene encodes a mitochondrial protein, which is evolutionarily conserved. It is involved in the biogenesis of iron-sulfur clusters, which are required for normal iron homeostasis. Mutations in this gene are associated with autosomal recessive pyridoxine-refractory sideroblastic anemia. [provided by RefSeq, May 2010]		

— SELECTED CITATIONS —

- **[IF=8.579]** Lee J et al. Inhibition of Glutaredoxin 5 predisposes Cisplatin-resistant Head and Neck Cancer Cells to Ferroptosis. *Theranostics*. 2020 Jun 19;10(17):7775-7786. **WB ;Human**. 32685019
- **[IF=7.9]** Shikang Zhou. et al. Salvia miltiorrhiza Bge. processed with porcine cardiac blood inhibited GLRX5-mediated ferroptosis alleviating cerebral ischemia-reperfusion injury. *PHYTOMEDICINE*. 2024 Jul;129:155622 **IHC,IF,WB ;Rat,Human**. 38677272
- **[IF=5.008]** Rychtarcikova, Zuzana, et al. "Tumor-initiating cells of breast and prostate origin show alterations in the expression of genes related to iron metabolism." *Oncotarget* (2016). **WB ;="Human"**. 28031527