

bs-5131R**[Primary Antibody]****Bioss**
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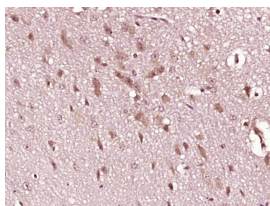
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GLO1 Rabbit pAb**— DATASHEET —**

Host: Rabbit	Isotype: IgG	Applications: IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Reactivity: Mouse (predicted: Human, Rat, Pig, Cow, Dog, GuineaPig, Horse) Predicted MW.: 21 kDa Subcellular Location: Secreted ,Cell membrane ,Cytoplasm ,Nucleus
Clonality: Polyclonal		
GeneID: 2739	SWISS: Q04760	
Target: GLO1		
Immunogen: KLH conjugated synthetic peptide derived from human GLO1: 101-184/184.		
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: The enzyme encoded by GLO1 is responsible for the catalysis and formation of S-lactoyl-glutathione from methylglyoxal condensation and reduced glutathione. GLO is linked to HLA and is localized to 6p21.3-p21.1, between HLA and the centromere.		

— VALIDATION IMAGES —

Paraformaldehyde-fixed, paraffin embedded (Mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (GLO1) Polyclonal Antibody, Unconjugated (bs-5131R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

— SELECTED CITATIONS —

- **[IF=4.49]** Seyeon Oha et al. The attenuating effects of pyridoxamine on adipocyte hypertrophy and inflammation differ by adipocyte location. The Journal of Nutritional Biochemistry.2019 October, 72: 108173. WB,IF ;Rat. doi:10.1016/j.jnutbio.2019.04.001