

## GLO1 Rabbit pAb

Catalog Number: bs-5131R

Target Protein: GLO1

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

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

Entrez Gene: 2739

Swiss Prot: Q04760

Source: KLH conjugated synthetic peptide derived from human GLO1: 101-184/184.

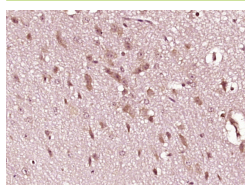
Purification: affinity purified by Protein A

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.

### PRODUCT SPECIFIC PUBLICATIONS

[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