

bs-23397R**[Primary Antibody]****BioSS**
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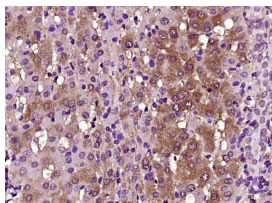
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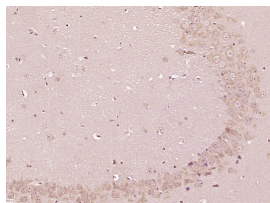
400-901-9800

HO-1 Rabbit pAb**— DATASHEET —**

Host: Rabbit	Isotype: IgG	Applications: IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500)
Clonality: Polyclonal		
GeneID: 15368	SWISS: P14901	
Target: HO-1		Reactivity: Human, Mouse (predicted: Rat)
Immunogen: KLH conjugated synthetic peptide derived from mouse HO-1: 201-289/289.		
Purification: affinity purified by Protein A		Predicted MW.: 32 kDa
Concentration: 1mg/ml		Subcellular Location: Cytoplasm
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 hemoxygenase-1 calls that the hemoglobin oxidizes to synthesize the enzyme again-1(hemoxygenase-1, HO-1) is the catalyst enzyme that a kind of hemoglobin declines the solution, under the NADPH and the cell dye P-450 revivification enzymes and the member oxygen functions, the catalyst HO-1 hemoglobin declines the solution as the courage green vegetable, CO and irons, the former revivification has the very strong anti- to oxidize the ability after become the red vegetable of courage , the latter is a kind of important letter to make the member.		

— VALIDATION IMAGES —

Paraformaldehyde-fixed, paraffin embedded (human liver tissue); 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 (HO-1) Polyclonal Antibody, Unconjugated (bs-23397R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



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 (HO-1) Polyclonal Antibody, Unconjugated (bs-23397R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

— SELECTED CITATIONS —

- **[IF=10.383]** Wenjie Chen. et al. Transferrin-Targeted Cascade Nanoplatfrom for Inhibiting Transcription Factor Nuclear Factor Erythroid 2-Related Factor 2 and Enhancing Ferroptosis Anticancer Therapy. ACS APPL MATER INTER. 2023;XXXX(XXX):XXX-XXX WB ;Mouse. 37249181
- **[IF=6.6]** Chae Yeon Kim. et al. Rutaecarpine Protects Human Endothelial Cells from Oxidative-Stress-Induced Apoptosis via TRPV1- and AhR-Mediated Nrf2 Activation. ANTIOXIDANTS-BASEL. 2025 May;14(5):616 WB ;Human. 40427497
- **[IF=6.953]** Jinshan Wu. et al. Protection by Hosta ventricosa polysaccharides against oxidative damage induced by t-

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

BHP in HepG2 cells via the JNK/Nrf2 pathway. Int J Biol Macromol. 2022 May;208:453 WB ;Human. 35339497

- **[IF=7.419]** Jinyu Shi. et al. Chaihuajialonggumultang shows psycho-cardiology therapeutic effect on acute myocardial infarction with comorbid anxiety by the activation of Nrf2/HO-1 pathway and suppression of oxidative stress and apoptosis. BIOMED PHARMACOTHER. 2022 Sep;153:113437 IHC ;Rat. 10.1016/j.biopha.2022.113437
- **[IF=7.129]** Yuan-yuan Wei. et al. Acute liver injury induced by carbon tetrachloride reversal by Gandankang aqueous extracts through nuclear factor erythroid 2-related factor 2 signaling pathway. ECOTOX ENVIRON SAFE. 2023 Feb;251:114527 IHC ;Mouse. 36628874