### bs-16303R

## [ Primary Antibody ]

# GPX8 Rabbit pAb



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- DATASHEET		400-901-9800
Host: Rabbit	lsotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal	-	<b>Reactivity:</b> Mouse (predicted: Human.
GenelD: 493869	SWISS: Q8TED1	Rat, Rabbit, Pig, Sheep,
Target: GPX8		Cow, Dog, Horse)
Immunogen: KLH conjugated synthetic peptide derived from human GPX8: 111-209/209.		Predicted MW.: <sup>24</sup> kDa
Purification: affinity purified by Protein A		Subcellular
Concentration: 1mg/ml		Location: Cell membrane
Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
<b>Background:</b> Glutathione peroxid containing tetrame peroxidation of cell hydroperoxides to a water. GPx member vertebrates to cont site of glutathione p codon TGA. There a (glutathione peroxi acid single-pass me maps to human chr D2.2.	dase (GPx) enzymes are generally seleniun ric glycoproteins that help prevent lipid membranes. GPx enzymes reduce lipid alcohols, and reduce free hydrogen peroxi rs are among the few proteins known in hi ain selenocysteine, which occurs at the ac beroxidase and is coded by the nonsense ( irre eight GPx homologs (GPx-1–8). GPx-8 dase 8), also known as GSHPx-8, is a 209 a embrane protein. The gene encoding GPx-4 omosome 5q11.2 and mouse chromosom	n- ide to gher tive (stop) mino 8 le 13

### – VALIDATION IMAGES



Sample: Uterus (Mouse) Lysate at 40 ug Primary: Anti-GPX8 (bs-16303R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 24 kD Observed band size: 26 kD

### - SELECTED CITATIONS -

- [IF=8.2] Yaqi Li. et al. Non-thermal plasma promotes boar sperm quality through increasing AMPK methylation. INT J BIOL MACROMOL. 2024 Feb;257:128768 WB ;Pig. 38096931
- [IF=1.516] Junli Liuet al. MiR-9-5p inhibits mitochondrial damage and oxidative stress in AD cell models by targeting GSK-3β. Biosci Biotechnol Biochem . 2020 Nov;84(11):2273-2280. WB ;mouse. 32713252
- [IF=2.4] Gege Wei. et al. Identification and functional prediction of miRNAs that regulate ROS levels in dielectric barrier discharge plasma-treated boar spermatozoa. THERIOGENOLOGY. 2024 Jun;: WB ; Pig. 38959841