

**bs-5107R****[ Primary Antibody ]****BioSS**  
ANTIBODIES

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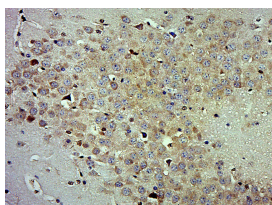
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**PON1 Rabbit pAb****DATASHEET**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> <b>IHC-P</b> (1:100-500) <b>IHC-F</b> (1:100-500) <b>IF</b> (1:100-500)  <b>Reactivity:</b> Mouse (predicted: Human, Rat, Rabbit, Pig, Cow, Horse)  <b>Predicted MW.:</b> 40 kDa  <b>Subcellular Location:</b> Secreted ,Extracellular matrix
<b>Clonality:</b> Polyclonal		
<b>GeneID:</b> 5444	<b>SWISS:</b> P27169	
<b>Target:</b> PON1		
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human PON1: 201-300/355.		
<b>Purification:</b> affinity purified by Protein A		
<b>Concentration:</b> 1mg/ml		
<b>Storage:</b> 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.		
<b>Background:</b> PON1 is synthesized primarily in the liver, and a portion is secreted into the plasma, where it is associated with high density lipoproteins (HDL). PON1 hydrolyzes the active metabolites of several other organophosphorus insecticides, as well as nerve agents such as sarin, soman and VX (lethal nerve agent). The PON1 polymorphism may be responsible for neurodegeneration and is considered to be an independent risk factor for Parkinson's disease.		

**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 (PON1) Polyclonal Antibody, Unconjugated (bs-5107R) at 1:500 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.

**SELECTED CITATIONS**

- **[IF=11.4]** Yan Meng. et al. GPNMB+Gal-3+ hepatic parenchymal cells promote immunosuppression and hepatocellular carcinogenesis. EMBO J. 2023 Dec;42(24):e114060 FCM ;Rat. 38009297