

bs-25192R**[Primary Antibody]****Bioss**
ANTIBODIES

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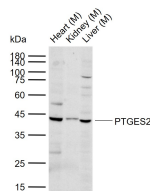
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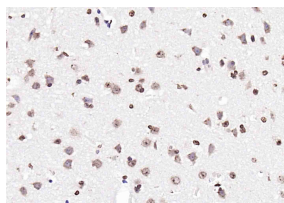
400-901-9800

PTGES2 Rabbit pAb**— DATASHEET —**

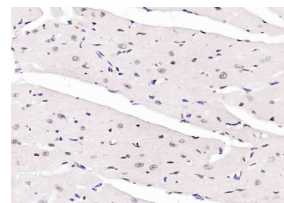
Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		IHC-P (1:100-500)
GeneID: 80142	SWISS: Q9H7Z7	IHC-F (1:400-800)
Target: PTGES2		IF (1:100-500)
Immunogen: KLH conjugated synthetic peptide derived from human PTGES2: 171-270/377. < Cytoplasmic >		Reactivity: Mouse, Rat (predicted: Human, Rabbit, Pig, Cow, Dog)
Purification: affinity purified by Protein A		Predicted MW.: 43 kDa
Concentration: 1mg/ml		Subcellular Location: Cell membrane ,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 protein encoded by this gene is a membrane-associated prostaglandin E synthase, which catalyzes the conversion of prostaglandin H2 to prostaglandin E2. This protein also has been shown to activate the transcription regulated by a gamma-interferon-activated transcription element (GATE). Multiple transcript variants have been found for this gene. [provided by RefSeq].		

— VALIDATION IMAGES —

Sample: Lane 1: Mouse Heart tissue lysates Lane 2: Mouse Kidney tissue lysates Lane 3: Mouse Liver tissue lysates Primary: Anti-PTGES2 (bs-25192R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 43 kDa Observed band size: 43 kDa



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; Incubation with (PTGES2) Polyclonal Antibody, Unconjugated (bs-25192R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (mouse heart); 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; Incubation with (PTGES2) Polyclonal Antibody, Unconjugated (bs-25192R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

— SELECTED CITATIONS —

- **[IF=5.4]** Weiyi Zhang. et al. Esculetin inhibited fever, pain, and inflammatory responses via binding to HSC70. J ETHNOPHARMACOL. 2025 Jun;350:120022 WB ;Mouse. 40412774