bs-5012R **[Primary Antibody]**

PYGM Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 5837 **SWISS:** P11217

Target: PYGM

Immunogen: KLH conjugated synthetic peptide derived from human PYGM: 401-500/842.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

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: Phosphorylase is an important allosteric enzyme in carbohydrate metabolism. Enzymes from different sources differ in their regulatory mechanisms and in their natural substrates. However, all known phosphorylases share catalytic and structural properties.

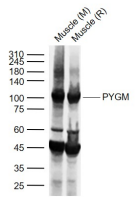
Applications: **WB** (1:500-2000)
IHC-P (1:100-500)
IHC-F (1:100-500)
IF (1:100-500)

Reactivity: Mouse, Rat (predicted: Human, Pig, Sheep, Cow, Dog, Horse)

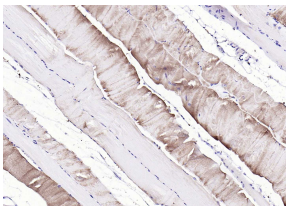
Predicted MW.: 97 kDa

Subcellular Location: Extracellular matrix ,Cytoplasm

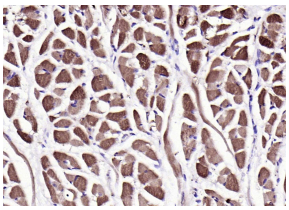
VALIDATION IMAGES



Sample: Lane 1: Mouse Muscle tissue lysates Lane 2: Rat Muscle tissue lysates Primary: Anti-PYGM (bs-5012R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 97 kD Observed band size: 97 kD



Paraformaldehyde-fixed, paraffin embedded (mouse skeletal muscle); 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 (PYGM) Polyclonal Antibody, Unconjugated (bs-5012R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.



Paraformaldehyde-fixed, paraffin embedded (Rat tongue); 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 (PYGM) Polyclonal Antibody, Unconjugated (bs-5012R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.

SELECTED CITATIONS

- **[IF=9.231]** Yuqiang Bai. et al. Phosphorylation and acetylation responses of glycolytic enzymes in meat to different chilling rates. FOOD CHEM. 2023 Mar;:135896 WB ;Sheep. 10.1016/j.foodchem.2023.135896

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