

bs-3975R**[Primary Antibody]****Bioss**
ANTIBODIES

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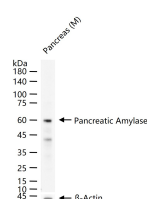
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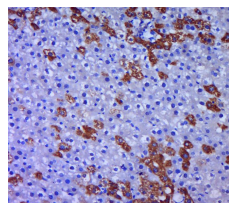
400-901-9800

AMY2A Rabbit pAb**— DATASHEET —**

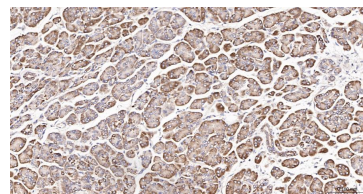
Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Reactivity: Human, Mouse, Rat (predicted: Rabbit, Pig, Cow, Dog, Horse) Predicted MW.: 58 kDa Subcellular Location: Secreted
Clonality: Polyclonal		
GeneID: 279	SWISS: P04746	
Target: AMY2A		
Immunogen: KLH conjugated synthetic peptide derived from human Pancreatic Amylase: 421-511/511.		
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: Amylases are secreted proteins that hydrolyze 1,4-alpha-glucoside bonds in oligosaccharides and polysaccharides, and thus catalyze the first step in digestion of dietary starch and glycogen. The human genome has a cluster of several amylase genes that are expressed at high levels in either salivary gland or pancreas. This gene encodes an amylase isoenzyme produced by the pancreas. [provided by RefSeq, Jul 2008].		

— VALIDATION IMAGES —

25 ug total protein per lane of various lysates (see on figure) probed with Pancreatic Amylase polyclonal antibody, unconjugated (bs-3975R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



Paraformaldehyde-fixed, paraffin embedded (rat 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 (AMY2A) Polyclonal Antibody, Unconjugated (bs-3975R) at 1:400 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.



Paraformaldehyde-fixed, paraffin embedded Human Pancreas; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with AMY2A Polyclonal Antibody, Unconjugated (bs-3975R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.

— SELECTED CITATIONS —

- **[IF=4.631]** Xiao-Fan Xu. et al. Aspirin Ameliorates Pancreatic Inflammation and Fibrosis by Inhibiting COX-2 Expression in Experimental Chronic Pancreatitis. J INFLAMM RES. 2022 Aug;15:4737-4749 IHC ;Mouse. 36032936