

**bs-0057R****[ Primary Antibody ]****BioSS**  
**ANTIBODIES**

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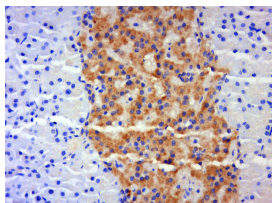
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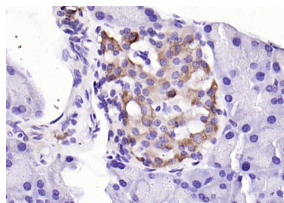
400-901-9800

**Amylin 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>Clonality:</b> Polyclonal		
<b>GeneID:</b> 3375	<b>SWISS:</b> P10997	
<b>Target:</b> Amylin		<b>Reactivity:</b> Human, Mouse, Rat (predicted: Rabbit, Chicken, Dog)
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human Amylin: 1-37/89.		
<b>Purification:</b> affinity purified by Protein A		<b>Predicted MW.:</b> 10 kDa
<b>Concentration:</b> 1mg/ml		<b>Subcellular Location:</b> Secreted
<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> Amylin is commonly found in pancreatic islets of patients suffering diabetes mellitus type II, or harboring an insulinoma. While the association of amylin with the development of type II diabetes has been known for some time, a direct causative role for amylin has been harder to establish. Recent results suggest that amylin, like the related beta amyloid (Aβeta) associated with Alzheimer's disease, can induce apoptotic cell death in particular cultured cells, an effect that may be relevant to the development of type II diabetes.		

**— VALIDATION IMAGES —**

Tissue/cell: Rat pancreas tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min; Incubation: Anti-Amylin Polyclonal Antibody, Unconjugated (bs-0057R) 1:500, overnight at 4°C, followed by conjugation to the secondary antibody (SP-0023) and DAB (C-0010) staining



Paraformaldehyde-fixed, paraffin embedded (mouse pancreas); 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 (Amylin) Polyclonal Antibody, Unconjugated (bs-0057R) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) (sp-0023) instructions and DAB staining.