

Pancreatic Amylase Rabbit pAb

Catalog Number: bs-4030R

Target Protein: Pancreatic Amylase

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

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: 56 kDa

Entrez Gene: 279

Swiss Prot: P04746

Source: KLH conjugated synthetic peptide derived from human Pancreatic Amylase: 151-250/511.

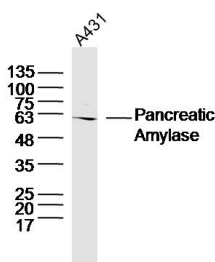
Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

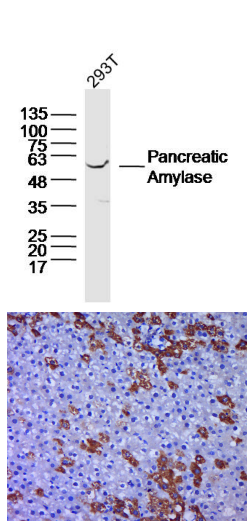
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

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



Sample: A431(Human) Cell Lysate at 30 ug Primary: Anti-Pancreatic Amylase (bs-4030R) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 56 kD Observed band size: 61 kD



Sample: 293T(Human) Cell Lysate at 30 ug Primary: Anti-Pancreatic Amylase (bs-4030R) at 1/300 dilution
 Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 56 kD Observed band size: 56 kD

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 (Pancreatic Amylase) Polyclonal Antibody, Unconjugated (bs-4030R) at 1:400 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.

PRODUCT SPECIFIC PUBLICATIONS

[IF=9.685] Peng, Cheng. et al. MLKL signaling regulates macrophage polarization in acute pancreatitis through CXCL10. CELL DEATH DIS. 2023 Feb;14(2):1-14 IF ; Mouse . 36828808