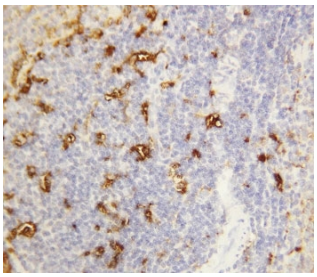
Alpha Amylase 1 Antibody (R30559)

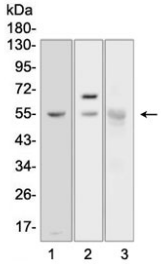
Catalog No.	Formulation	Size
R30559	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide/thimerosal
UniProt	P04745
Applications	Western blot: 0.5-1ug/ml Immunohistochemistry (FFPE): 0.5-1ug/ml
Limitations	This Alpha Amylase 1 antibody is available for research use only.



IHC-P: Alpha Amylase 1 antibody testing of rat spleen tissue



Western blot testing of 1) human PANC-1, 2) rat pancreas and 3) mouse pancreas lysate with Alpha Amylase 1 antibody. Expected molecular weight ~58 kDa.

Description

Amylase is an enzyme that catalyses the breakdown of starch into sugars. Amylase is present in human saliva, where it begins the chemical process of digestion. By in situ hybridization combined with high resolution cytogenetics, the amylase gene is mapped to 1p21.Amylase enzymes find use in bread making and to break down complex sugars such as starch(found in flour) into simple sugars. Yeast then feeds on these simple sugars and converts it into the waste products of alcohol and CO2.

Application Notes

The stated application concentrations are suggested starting amounts. Titration of the Alpha Amylase 1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

An amino acid sequence from the N-terminus of human Alpha Amylase 1 (HLFEWRWVDIALECE) was used as the immunogen for this Alpha Amylase 1 antibody.

Storage

After reconstitution, the Alpha Amylase 1 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

Copyright © NSJ Bioreagents. All rights reserved.