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## Datasheet for ABIN7435391 anti-Sucrase Isomaltase antibody (AA 1717-1827)





Overview

Quantity:	100 µL
Target:	Sucrase Isomaltase (SI)
Binding Specificity:	AA 1717-1827
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Sucrase Isomaltase antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

## Product Details

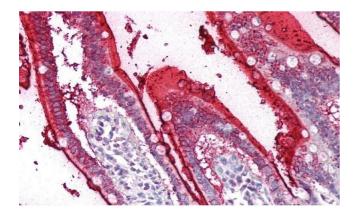
Purpose:	Polyclonal Antibody to Sucrase Isomaltase (SI)
Immunogen:	Recombinant Sucrase Isomaltase (SI) corresdonding to Asn1717~Ser1827 (Accession # P14410)
lsotype:	lgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against SI. It has been selected for its ability to recognize SI in immunohistochemical staining and western blotting.
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography
Target Details	

Target:

Sucrase Isomaltase (SI)

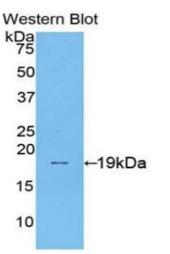
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Target Details	
Alternative Name:	Sucrase Isomaltase (SI Products)
Background:	Oligosaccharide Alpha-1,6-Glucosidase
Application Details	
Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



### Immunohistochemistry

**Image 1.** Detection of SI in Human Small Intestine Tissue using Polyclonal Antibody to Sucrase Isomaltase (SI)



#### Western Blotting

**Image 2.** Detection of Recombinant SI, Human using Polyclonal Antibody to Sucrase Isomaltase (SI)

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