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Datasheet for ABIN6654192

**anti-Sucrase Isomaltase antibody**

## Overview

|              |  |
|--------------|--|
| Quantity:    | 100 µg   |
| Target:      | Sucrase Isomaltase (SI)  |
| Reactivity:  | Human, Mouse, Rat  |
| Host:        | Rabbit   |
| Clonality:   | Polyclonal   |
| Conjugate:   | This Sucrase Isomaltase antibody is un-conjugated                                  |
| Application: | Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

## Product Details

|               |   |
|---------------|---|
| Immunogen:    | Amino acids FQLSRWNYKSLDVVKEVRRNREAGIPFDTQVTDID were used as the immunogen for the Sucrase Isomaltase antibody. |
| Isotype:      | IgG   |
| Purification: | Antigen affinity purified   |

## Target Details

|                   |   |
|-------------------|---|
| Target:           | Sucrase Isomaltase (SI)   |
| Alternative Name: | SI / Sucrase Isomaltase ( <a href="#">SI Products</a> )   |
| Background:       | This gene is mapped to 3q26.1. It encodes a sucrase-isomaltase enzyme that is expressed in the intestinal brush border. The encoded protein is synthesized as a precursor protein that is cleaved by pancreatic proteases into two enzymatic subunits sucrase and isomaltase. These two subunits heterodimerize to form the sucrose-isomaltase complex. This complex is |

## Target Details

essential for the digestion of dietary carbohydrates including starch, sucrose and isomaltose.  
Mutations in this gene are the cause of congenital sucrase-isomaltase deficiency.

UniProt: [P14410](#)

## Application Details

Application Notes: Optimal dilution of the Sucrase Isomaltase antibody should be determined by the researcher.\.  
Western blot: 0.5-1 µg/mL,IHC (FFPE): 1-2 µg/mL

Restrictions: For Research Use only

## Handling

Buffer: 0.5 mg/mL if reconstituted with 0.2 mL sterile DI water

Storage: -20 °C

Storage Comment: After reconstitution, the Sucrase Isomaltase antibody can be stored for up to one month at 4°C.  
For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.