

SI antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI12502**Specification**

SI antibody - N-terminal region - Product Information

Application	WB
Primary Accession	P14410
Other Accession	NM_001041 , NP_001032
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Horse, Bovine, Guinea Pig, Dog
Predicted	Mouse, Rat, Pig, Chicken, Horse, Bovine, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	209kDa KDa

SI antibody - N-terminal region - Additional Information**Gene ID** 6476**Alias Symbol** MGC131621, MGC131622**Other Names**

Sucrase-isomaltase, intestinal, Sucrase, 3.2.1.48, Isomaltase, 3.2.1.10, SI

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-SI antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

SI antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

SI antibody - N-terminal region - Protein Information**Name** SI**Function**

Plays an important role in the final stage of carbohydrate digestion. Isomaltase activity is specific for both alpha-1,4- and alpha-1,6-oligosaccharides.

Cellular Location

Apical cell membrane; Single-pass type II membrane protein. Note=Brush border

Tissue Location

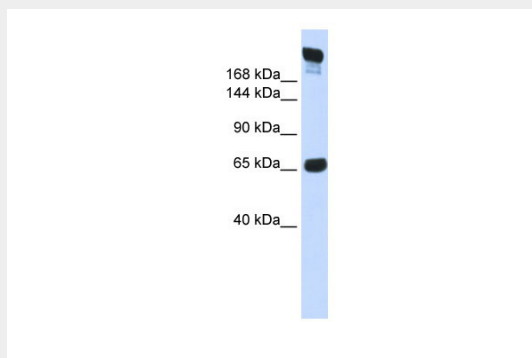
Expressed in the poorly differentiated crypt cells of the small intestine as well as in the mature villous cells
Expressed at very low levels in the colon

SI antibody - N-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

SI antibody - N-terminal region - Images



WB Suggested Anti-SI Antibody Titration: 0.2-1 µg/ml

ELISA Titer: 1:312500

Positive Control: Human Muscle

SI antibody - N-terminal region - References

Gu, N., (2007) Biochem. Biophys. Res. Commun. 353(3), 617-622 Reconstitution and Storage: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.