10320 Camino Santa Fe, Suite G
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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

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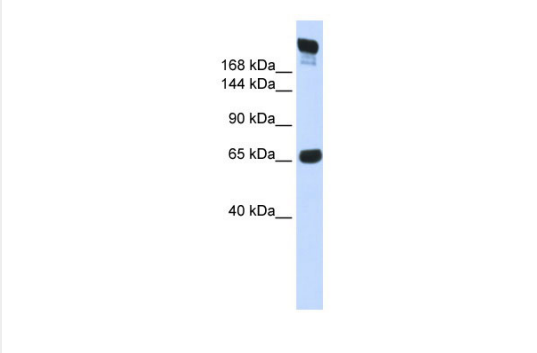
Expressed in the poorly differentiated crypt cells of the small intestine as well as in the mature villous cells Expressed at very low levels in the colon

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 Cytomety
- 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),617-622ReconstitutionandStorage:Forshorttermuse,storeat2-8Cupto1week.Forlongtermstorage,storeat-20Cinsmallaliquotstopreventfreeze-thawcycles.