

GUCY2C Rabbit pAb

Catalog No.: A10562

Basic Information

Observed MW

123kDa

Calculated MW

123kDa

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Human, Mouse

Background

This gene encodes a transmembrane protein that functions as a receptor for endogenous peptides guanylin and uroguanylin, and the heat-stable E. coli enterotoxin. The encoded protein activates the cystic fibrosis transmembrane conductance regulator. Mutations in this gene are associated with familial diarrhea (autosomal dominant) and meconium ileus (autosomal recessive).

Recommended Dilutions

WB 1:500 - 1:2000

Immunogen Information

Gene ID

2984

Swiss Prot

P25092

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 24-330 of human GUCY2C (NP_004954.2).

Synonyms

GC-C; STAR; DIAR6; GUC2C; MECIL; MUCIL; GUCY2C

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

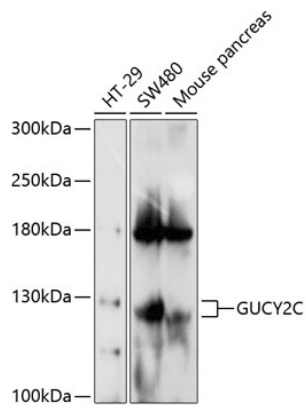
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of extracts of various cell lines, using GUCY2C antibody (A10562) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Enhanced Kit (RM00021).
Exposure time: 30s.