

GUCA2B Rabbit pAb

Catalog No.: A8390 **1 Publications**

Basic Information

Observed MW

12kDa

Calculated MW

12kDa

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Mouse

Background

This gene encodes a preproprotein that is proteolytically processed to generate multiple protein products, including uroguanylin, a member of the guanylin family of peptides and an endogenous ligand of the guanylate cyclase-C receptor. Binding of this peptide to its cognate receptor stimulates an increase in cyclic GMP and may regulate salt and water homeostasis in the intestine and kidneys.

Recommended Dilutions

WB 1:500 - 1:2000

Immunogen Information

Gene ID

2981

Swiss Prot

Q16661

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 1-100 of human GUCA2B (NP_009033.1).

Synonyms

UGN; GCAP-II; GUCA2B

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

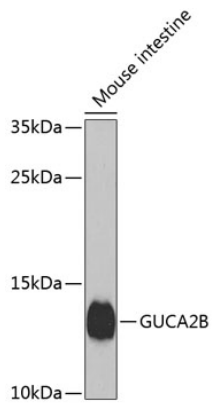
Affinity purification

Storage

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

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

Validation Data



Western blot analysis of extracts of mouse small intestine, using GUCA2B antibody (A8390) 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: 90s.