

GUCA2A Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP13866c**Specification**

GUCA2A Antibody (Center) - Product Information

Application	WB,E
Primary Accession	Q02747
Other Accession	NP_291031.2
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	12388
Antigen Region	25-54

GUCA2A Antibody (Center) - Additional Information**Gene ID** 2980**Other Names**

Guanylin, Guanylate cyclase activator 2A, Guanylate cyclase-activating protein 1, Guanylate cyclase-activating protein I, GCAP-I, HMW-guanylin, Guanylin, GUCA2A, GUCA2

Target/Specificity

This GUCA2A antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 25-54 amino acids from the Central region of human GUCA2A.

Dilution

WB~~1:1000

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

GUCA2A Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

GUCA2A Antibody (Center) - Protein Information**Name** GUCA2A**Synonyms** GUCA2

Function Endogenous activator of intestinal guanylate cyclase. It stimulates this enzyme through the same receptor binding region as the heat-stable enterotoxins.

Cellular Location

Secreted.

Tissue Location

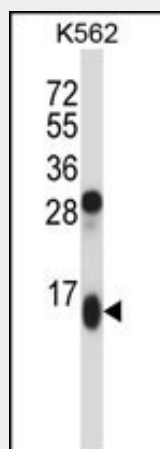
Highly expressed in ileum and colon. Found in plasma

GUCA2A Antibody (Center) - 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](#)

GUCA2A Antibody (Center) - Images



GUCA2A Antibody (Center) (Cat. #AP13866c) western blot analysis in K562 cell line lysates (35ug/lane). This demonstrates the GUCA2A antibody detected the GUCA2A protein (arrow).

GUCA2A Antibody (Center) - Background

Endogenous activator of intestinal guanylate cyclase. It stimulates this enzyme through the same receptor binding region as the heat-stable enterotoxins.

GUCA2A Antibody (Center) - References

Dell'Orco, D., et al. Cell. Mol. Life Sci. 67(6):973-984(2010)
Chen, Y.B., et al. Zhonghua Wei Chang Wai Ke Za Zhi 12(5):515-517(2009)
Albano, F., et al. Pediatr. Res. 58(1):159-163(2005)
Sindic, A., et al. Kidney Int. 67(4):1420-1427(2005)
Kulaksiz, H., et al. Gastroenterology 126(3):732-740(2004)